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ABSTRACT

Developed to help educators locate computer software programs they may want to preview for students in K-12, this guide lists commercially available programs that have been favorably reviewed by members of the Educational Software Evaluation Consortium. Programs are listed alphabetically by title within curriculum areas: art; business education (accounting/bookkeeping, economics, typing); computers (awareness, programming/science, programming languages); electronic periodicals; foreign language; health; home economics/living skills; instructional tools (authoring systems, databases, graphics generators, instructional materials generators, shell/mini-authoring systems, spelling checkers, spreadsheets, telecommunications, word processors); keyboarding; language arts/English (literature, reading, spelling, writing); library media skills; mathematics (advanced, algebra, geometry/measurement, numbers, problem solving); music; preschool/early childhood; problem solving/logic; science (astronomy, biology, chemistry, earth science, environmental education/ecology, general science, physics, scientific method/lab equipment); social science (economics, geography, government/political science, history, sociology); tests and testing; and vocational education/industrial arts. Information provided for each program includes the title, a very brief annotation, the publisher, computer equipment required, instructional mode(s), grade levels, and price. The guide also includes a list of the 27 members of the consortium; a key to the abbreviations used; an alphabetical list of titles; publisher abbreviations; and publishers' addresses. (RP)

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The 1987 Educational Software Preview Guide

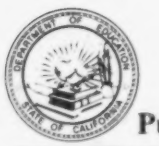
developed by the

EDUCATIONAL SOFTWARE EVALUATION CONSORTIUM

at the

CALIFORNIA TECC SOFTWARE EVALUATION FORUM

December 1–5, 1986



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PREFACE

THE 1987 EDUCATIONAL SOFTWARE PREVIEW GUIDE includes a list of favorably reviewed microcomputer software for use in instructing students in kindergarten through grade twelve. It is NOT a buying guide. It has been developed solely as an aid to educators in locating programs they may want to preview. The Consortium's participants recommend that all software be previewed by educators to determine its suitability for their instructional programs and students.

THE 1987 EDUCATIONAL SOFTWARE PREVIEW GUIDE has been developed by the Educational Software Evaluation Consortium, which represents 27 organizations involved in computer education throughout North America. The programs listed in this guide have been favorably reviewed at participating sites. Placement of a title on a list and into specific subjects, grade levels, and instructional modes reflects the best judgment of the Consortium's participants.

This guide is not all-inclusive. It includes only commercially available instructional software for use in kindergarten through grade twelve. Titles not included in the guide fall into the following categories: not yet widely reviewed, unfavorably reviewed, or outside specified categories. Each annual edition is an independent publication and includes titles from earlier editions only if they meet the criteria established for the current year.

While a given product is often available for several microcomputers, the version reviewed here may be of a different quality from those for other machines.

Development of *THE 1987 EDUCATIONAL SOFTWARE PREVIEW GUIDE* was one of the major purposes of the California TECC Software Evaluation Forum, held at Vallombrosa Center in Menlo Park, California, December 1-5, 1986. The Forum was sponsored by the TECC Software Library and Clearinghouse in the San Mateo County Office of Education. The California State Department of Education funded this project as part of the California TECC (Teacher Education and Computer Center) program. Additional financial support for the Educational Software Evaluation Consortium was provided by Phi Delta Kappa and the participating organizations.

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KEY TO ABBREVIATIONS

SUBJECT ABBREVIATIONS

AT	Art
BE	Business Education
CS	Computers
EP	Electronic Periodicals
FL	Foreign Language
HE	Home Economics
HL	Health
IT	Instructional Tools
KB	Keyboarding
LA	Language Arts/English
LM	Library Media Skills
MA	Mathematics
MU	Music
PR	Preschool/Early Childhood
PS	Problem Solving/Logic
SC	Science
SS	Social Studies
TE	Testing
VE	Vocational Education/Industrial Arts

GRADE LEVEL ABBREVIATIONS

P	Primary (K-3)
E	Elementary (4-6)
M	Middle (7-9)
S	Secondary (9-12)
T	Teacher

COMPUTER ABBREVIATIONS

AC	Acorn
AM	Amiga
AP	Apple
AT	Atari
CO	Commodore 64
IB	IBM PC
JR	IBM PCjr
MC	Macintosh
PE	Commodore PET
TC	TRS-80 Color
TR	TRS-80 Model III/4
VC	Commodore VIC

INSTRUCTIONAL MODE ABBREVIATIONS

AU	Authoring System
CA	Creative Activity
CP	Computer Programming
DB	Data Base
DE	Demonstration
DP	Drill and Practice
EG	Educational Game
GG	Graphics Generator
IF	Interface
IM	Instructional Materials Generator
PS	Problem Solving/Logic
SD	Spreadsheet
SH	Shell/Mini-authoring System
SI	Simulation
SK	Spelling Checker
TC	Telecommunications
TE	Test
TU	Tutorial
WP	Word Processor

PRICE NOTATION

*	in PRICE column indicates a series for which programs are also sold separately.

TIC RESOURCE GUIDE ABBREVIATIONS

H	History-Social Science
L	Language Arts
M	Mathematics
S	Science
E	Exemplary
D	Desirable

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE

ART

see also INSTRUCTIONAL TOOLS - GRAPHICS GENERATOR *section*

BANK STREET STORYBOOK Students can write, illustrate, and print a story or short book	*MINDSCAPE*	AP,CO,IB,JR	CA,WP	- D - -	- ● ● - -	49.95
BLAZING PADDLES Tool for creating computer art; includes graphics library	*BAUDVILLE*	AP,AT,CO	CA,GG	- - - -	- ● ● ● ●	49.95
CREATE WITH GARFIELD Select backgrounds, position characters, and add text to print Garfield cartoons	*DLM*	AP,CO	CA	- - - -	● ● ● ● ●	29.95
DAZZLE DRAW Use a mouse interface to create computer art similar to art from the Macintosh	*BRODERBUND*	AP	CA,GG	- - - -	● ● ● ● -	59.95
FACEMAKER Encourage memory and creative skills by creating and remembering facial features	*SPINNAKER*	AM,AP	CA,DP,EG	- - - -	● ● - - -	39.95
FANTAVISION "Tweening" creates up to 64 animated sequences for each picture drawn by user	*BRODERBUND*	AP	CA,GG	- - - -	- ● ● ● ●	49.95
GRAPHICS EXPANDER V.1 Editing tool and 300 graphics for use with *Print Shop*	*SPRINGBOARD*	AP,AT,CO	CA,GG	- - - -	● ● ● ● ●	39.95
KOALAPAINTER Graphics used with nursery rhymes; requires Koalapad	*PTI-KOALA*	AP	CA,GG	- - - -	● ● ● - -	19.95
MACDRAW Graphic development tool to create structured graphics and drawings	*APPLE*	MC	CA,GG	- - - -	● ● ● ● ●	195.00
MACPAINT General-purpose graphic development tool	*APPLE*	MC	CA,GG	- - - -	● ● ● ● ●	125.00
MOVIE MAKER Create animated graphic sequences	*ELECTR ART*	AP,AT,CO	CA	- - - -	- ● ● ● ●	39.95
MR. PIXEL'S CARTOON KIT Create animated cartoon graphics	*MINDSCAPE*	AP,CO,IB,JR	CA,GG	- D - -	● ● - - -	9.95
MR. PIXEL'S PROGRAMMING PAINT SET Create, design, and credit pictures on computer screen; can be printed	*MINDSCAPE*	AP,CO,IB,JR	CA,GG	- - - -	● ● - - -	9.95
NEWSROOM Create text columns and graphics for professional-looking newspapers; share stories via modem	*SCHOLASTIC*	AP,CO,IB,JR	CA,GG,WP	- - - -	- ● ● ● ●	59.95
PATTERNMAKER Experiment with creating color patterns to practice balance, symmetry, color, and design	*MINDSCAPE*	AP	CA,GG	- - - -	● ● ● ● ●	9.95
PC ILLUSTRATOR Graphics used with nursery rhymes; requires Koalapad	*PTI-KOALA*	IB	CA,GG	- - - -	● - - - -	75.00
PIC-BUILDER Complete the 40 build-by-number pictures or create new pictures	*WEEK READ*	AP,AT,CO	CA	- - - -	● ● ● ● -	39.95

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
PRINCE	*BAUDVILLE*	AP	CA,GG	- - - -	- ● ● ● -	49.95
Print color graphics on Apple ImageWriter I that can be used as iron-on transfers on cloth						
PRINT SHOP COMPANION	*BRODERBUND*	AP	CA,GG	- - - -	● ● ● ● ●	39.95
Create graphics for use with *Print Shop*						
RAINBOW PAINTER	*SPRINGBOARD*	AP,CO	CA	- - - -	- ● ● ● -	34.95
Experiment with color and design using pre-set pictures, or create new designs						
TAKE 1	*BAUDVILLE*	AP	CA,GG	- - - -	- ● ● ● ●	59.95
Accepts previously created graphics into a slide show for presentation						
VIDEOWORKS	*SPINNAKER*	MC	CA,GG	- - - -	- ● ● ● ●	99.95
Draw and animate objects to create films; full editing by frame; includes nude sequence						

BUSINESS EDUCATION - ACCOUNTING/BOOKKEEPING

AUTOMATED ACCOUNTING	*SW PUB*	AP,CO,IB,TR	SI,TU	- - - -	- - - ● -	64.50
Complete package for high school accounting instruction						

BUSINESS EDUCATION - ECONOMICS

WHATSIT CORPORATION	*SUNBURST*	AP,CO,IB,TR	DP,EG,SI	- - D -	- ● ● ● -	59.00
Use math skills to make group decisions and operate competitive businesses						

BUSINESS EDUCATION - TYPING

ALPHABETIC KEYBOARDING	*SW PUB*	AP,IB,JR,TR	DP	- - - -	- - ● ● -	89.50
Beginning through intermediate exercises to introduce keyboard; drills and timed drills						
MICROCOMPUTER KEYBOARDING	*SW PUB*	AP,IB,JR,TR	DP,TU	- - - -	- - ● ● -	149.50
Instruction and practice in correct finger placement; keyboard skills						
MICROTYPE	*SW PUB*	AP,CO,IB	DP,TU	- E - -	- ● ● - -	39.95
Graphic instruction and practice in touch typing						
SUPERKEY	*BYTES OF LRN*	AP	DP,TU	- - - -	- ● ● ● -	59.95
Instruction on finger placement; drills for speed and accuracy						
TYPING	*GAMCO*	AP,CO,TR	DP,TU	- - - -	- - ● ● -	54.95
Practice basic typing skills; tests typing speed						
TYPING TUTOR III	*SIMON & SCHU*	AP,CO,IB,MC	DP,TU	- - - -	- - ● ● -	49.95
Instruction on finger placement; drills for speed and accuracy						

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TYPING WELL	*LEARN WELL*	AP	DP,EG,TU	- - - - -	● ● ● - -	49.95
Five games for practicing touch typing; adjustable drill speed						

COMPUTERS - COMPUTER AWARENESS

ALL SORTS OF MEGGLES	*JOSTENS*	AP	DP,PS	- D - -	● ● - - -	149.00
Practice in decision-making skills; testing and record keeping; requires Ufonic system						
CHIPWITS	*BRAINPOWER*	AP,MC	CP,PS,SI	- - - - -	- - ● ● -	39.95
Programming language allows students to train a robot to work in different environments						
FRIENDLY COMPUTER, THE	*MECC*	AP,CO,IB	CP,PS,TU	- - - - -	● - - - -	49.00
Sequence of five graded programs to introduce the computer and keyboard						
GRIMBLE PROCESS, THE	*JOSTENS*	AP	EG,PS,TU	- - - - -	● ● - - -	149.00
Game with speech capability to reinforce logical thinking and programming skills; requires Ufonic system						
ROBOT ODYSSEY	*TLC*	AP,IB	CA,CP,EG,PS	- - E D	- ● ● ● -	49.95
Design a robot to escape from a maze; use wires, logic gates, and circuit chips						
ROCKY'S BOOTS	*TLC*	AP,CO,IB	EG,PS,SI,TU	- - E D	- ● ● ● -	64.95
Design circuit to recognize specific attributes; uses and, not, or, flip-flop gates						
SPECTRUM: PATTERNS AND PROGRAMS	*SUNBURST*	AP	EG,PS	- - D -	- - ● ● -	59.00
Logic game using hidden pattern of colored bars; introduces fundamental programming skills						
TURTLE TRACKS	*SCHOLASTIC*	AP,AT,CO,IB,VC	PS	- - - - -	● ● - - -	39.95
Use simple keyboard commands to create shapes and music						
VOYAGE MIMI: INTRO TO COMPUTING	*HOLT R&W*	AP	EG,PS,SI,TU	- - E D	- ● ● - -	75.00
Explore programming and geometric concepts						

COMPUTERS - COMPUTER PROGRAMMING/SCIENCE

ALL SORTS OF MEGGLES	*JOSTENS*	AP	DP,PS	- D - -	● ● - - -	149.00
Practice in decision-making skills; testing and record keeping; requires Ufonic system						
ARROW DYNAMICS	*SUNBURST*	AP	EG,PS	- - - - -	- ● ● - -	59.00
Logic game to practice logical thought and strategy formation						
BASICS OF BASIC	*FOCUS*	AP,IB	CP	- - - - -	- - ● ● -	79.00
Twelve modules in Basic program writing using hi-res graphics and sound; examples and quizzes						
BLAZING THE BASIC TRAIL	*SUNBURST*	AP	CP,EG	- - - - -	- - ● ● -	59.00
Game to develop logical thinking skills while building programming concepts						
FOR YOUR NEXT ADVENTURE	*SUNBURST*	AP	CP,EG	- - - - -	● ● ● - -	59.00
Adventure game format to practice for-next loops in Basic						

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GPLE: GLOBAL PROGRAM LINE EDITOR	*BEAGLE BRO*	AP	CP	- - - - -	- ● ● ● ●	49.95
Full-featured editor for use in writing computer programs						
GRIMBLE PROCESS, THE	*JOSTENS*	AP	EG,PS,TU	- - - - -	● ● - - -	149.00
Game with speech capability to reinforce logical thinking and programming skills; requires Ufonic system						
KAREL THE ROBOT	*CYBERTRONICS*	AP,IB,JR	CP,PS	- - - - -	- - ● ● -	250.00
Provides an interactive environment in which to explore a limited set of Pascal processes						
LEARNING THROUGH LOGO	*SUNBURST*	AP	CP,PS	- - - - -	- ● ● ● -	55.00
Beginning Logo commands and procedures; activity cards; requires *Apple Logo*						
LOGOWORKS	*TERRAPIN*	AP	CP,PS	- - - - -	- ● ● ● -	29.95
Logo activities to support using *Terrapin* Logo as a problem-solving tool						
MIRRORS ON THE MIND-INTRO TO PROGR	*ADD WES*	AP	CP	- - D - -	- ● ● ● -	49.95
Uses Logo-like language to provide experience with a programming language						
SORTING TECHNIQUES I-II	*MIC WRKSHP*	AP	CP,DE,TU	- - - - -	- - ● ● ●	69.90*
Demonstrates the bubble sort, shell sort, insertion sort, selection sort, and quick sort						

COMPUTERS - PROGRAMMING LANGUAGE

APPLE LOGO	*APPLE*	AP	CP,PS	- - E - -	● ● ● ● ●	100.00
Practice in structured programming concepts						
APPLE LOGO II	*APPLE*	AP	CP,PS	- - E - -	● ● ● ● ●	100.00
Improved and enhanced version of *Apple Logo*						
COMMODORE LOGO	*COMMODORE*	CO	CP,PS	- - E - -	● ● ● ● ●	59.95
Full graphic implementation of Logo, with sprites						
EZ LOGO	*MECC*	AP	CP,PS,TU	- - - - -	● ● - - -	49.00
Two programs introduce a subset of Logo commands; separate Logo not required						
IBM LOGO	*IBM*	IB	CP,PS	- - E - -	● ● ● ● -	140.00
Full implementation of *LCSI Logo*						
INSTANT PASCAL	*APPLE*	AP	CP,PS	- - - - -	- - ● ● -	140.00
Provides interactive programming environment for introducing Pascal						
KRELL LOGO	*KRELL*	AP	CP,PS	- - E - -	● ● ● ● ●	89.95
Version of *M.I.T. Logo* programming language						
LOGOWRITER	*LCSI*	AP,CO,IB,JR	CP,PS,WP	- - - - -	- ● ● ● ●	119.00
Version of Logo that incorporates word processing capabilities						
TERRAPIN LOGO	*TERRAPIN*	AP	CP,PS	- - - - -	● ● ● ● ●	99.95
Version of *M.I.T. Logo* programming language						

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TURBO PASCAL Inexpensive Pascal implementation that executes very rapidly	*BORLAND*	IB	CP,PS	- - - -	- - ● ● ●	99.95

ELECTRONIC PERIODICALS

MICROZINE 8 *Twistaplot*, computerized diary, graphics drawing program	*SCHOLASTIC*	AP	CA,EG,SI	- - - -	- ● ● - -	39.95
MICROZINE 9 *Twistaplot*, budget planner, quiz game shell for creating drills	*SCHOLASTIC*	AP	CA,EG,SI	- D - -	- ● ● - -	39.95
MICROZINE 10 *Twistaplot*, sailing; create electronic billboard	*SCHOLASTIC*	AP	CA,EG,SI	- D - -	- ● ● ● -	39.95
MICROZINE SUBSCRIPTION Five disks per year; four programs per disk; new *Twistaplot* on each disk	*SCHOLASTIC*	AP	CA,EG,SI	- - - -	- ● ● ● -	179.95
NEWSWORKS *AppleWorks* data disk available with *Newsweek* subscription	*NEWSWEEK*	AP	DB	- - - -	- - ● ● -	0.00

FOREIGN LANGUAGE

see also INSTRUCTIONAL TOOLS - INSTRUCTIONAL MATERIALS GENERATOR *section*

ANAGRAMAS HISPANOAMERICANOS Geographic review and proper spelling in Spanish of capitals and countries of Latin America	*GESSLER*	AP	DP,EG	- - - -	- - ● ● -	29.95
BATAILLE DE MOTS Introduce new words, meanings, and usages; based on *Word Attack*	*GESSLER*	AP,CO,IB	DP,EG	- - - -	- ● ● ● -	49.95
BATALLA DE PALABRAS Introduce new words, meanings, and usages; based on *Word Attack*	*GESSLER*	AP,CO,IB	DP,EG	- - - -	- ● ● ● -	49.95
CREACUENTOS (KIDWRITER) Create pictures and stories; can display all Spanish orthography	*GESSLER*	AP,CO	CA,GG,WP	- - - -	● ● ● ● -	37.95
CREASTORIE (KIDWRITER) Create pictures and stories; can display all Italian orthography	*GESSLER*	AP,CO	CA,GG,WP	- - - -	● ● ● ● ●	37.95
DASHER Create drills for language students with German, French, and Spanish starter disks	*CONDUIT*	AP	DP,IM	- - - -	- ● ● ● ●	150.00
DEUTSCH AKTUELL 1 German vocabulary, grammar, reading comprehension, communication skills, and culture	*EMC*	AP	DP	- - - -	- - ● ● -	495.00
DIE SPURNASEN Explore the language by solving this *Snooper Troops* mystery	*GESSLER*	AP,CO	EG	- - - -	- ● ● - -	39.95

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
EINE REISE DURCH DEUTSCHLAND A cultural adventure game with several surprises	*LANGENSCHIED*	AP	SI	- - - -	- - ● ● -	39.95
EL ASISTENTE DEL INSTRUCTOR Create and edit multiple choice, T-F, or short answer exercises in any subject area	*MECC*	AP	IM,TE	- - - -	- ● ● ● ●	49.00
EL DIALOGUISTA Designed to facilitate the "dialog journal" process in Spanish	*INTERLEARN*	AP	CA,TU	- - - -	- - ● ● -	49.95
EL MUNDO HISPANICO Introduce various Hispanic countries, their capitals, and inhabitants	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
EN VACANCES Introduce the language and customs of traveling in the French-speaking world	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
EN VILLE Practice giving and following directions in French	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
FRENCH ACHIEVEMENT I-III Practice and test vocabulary skills, various parts of speech, and idiomatic expressions	*MIC WRKSHP*	AP	DP	- - - -	- - ● ● -	149.85*
FRENCH IDIOM MASTER Practice associating idioms or problem words with proper sentence context	*LINGO FUN*	AP	DP	- - - -	- - ● ● -	49.95
GERMAN ACHIEVEMENT I Practice and test vocabulary skills, various parts of speech, and idiomatic expressions	*MIC WRKSHP*	AP	DP	- - - -	- - ● ● -	49.95
GERMAN IDIOM MASTER Practice associating idioms or problem words with proper sentence context	*LINGO FUN*	AP	DP	- - - -	- - ● ● -	49.95
GESCHICHTENSCHREIBER (KIDWRITER) Create pictures and stories; can display all German orthography	*GESSLER*	AP,CO	CA,GG,WP	- - - -	● ● ● - -	37.95
GUIDE DE L'ENSEIGNANT Create and edit multiple choice, T-F, or short answer exercises in any subject area	*MECC*	AP	DP,IM,TE	- - - -	- ● ● ● ●	49.00
JUEGOS COMUNICATIVOS Package designed to provide a form of integrated communicative practice in Spanish	*RANDOM*	AP	EG	- - - -	- - ● ● -	59.95
L'HOTEL DES MARIONETTES French version of *Moptown Hotel*	*TLC*	AP	EG,PS	- - - -	● ● ● - -	54.95
L'ODYSSEE DU ROBOT French version of *Robot Odyssey*	*TLC*	AP	PS,SI	- - - -	- ● ● ● -	49.95
LA BOITE A PUCES French version of *Rocky's Boots*	*TLC*	AP	PS,SI	- - - -	- ● ● ● -	64.95
LA PARADE DES MARIONETTES French version of *Moptown Parade*	*TLC*	AP	EG,PS	- - - -	● ● ● - -	54.95
LAS CRONICAS COMPUTARIZADAS Interactive tool designed to improve students' writing skills	*INTERLEARN*	AP	CA,WP	- - - -	- - ● ● -	39.95

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
LATIN IDIOM MASTER Practice in associating idioms or false cognates with proper sentence context	*LINGO FUN*	AP	DP	- - - -	- - ● ● -	49.95
LE COMPLOT DU BOURDON French version of *Bumble Plot*	*TLC*	AP	EG,PS	- - - -	● ● ● - -	54.95
LE DEMENAGEMENT Practice naming family members and rooms of the house	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
LES JEUX DU BOURDON French version of *Bumble Games*	*TLC*	AP	EG,PS	- - - -	● ● - - -	54.95
LES PUZZLES DE GERTRUDE French version of *Gertrude's Puzzles*	*TLC*	AP	EG,PS	- - - -	● ● ● - -	59.95
LES SECRETS DE GERTRUDE French version of *Gertrude's Secrets*	*TLC*	AP	EG,PS	- - - -	● ● ● - -	59.95
LES SPORTS A tour of French sports and entertainment	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
M-SS-NG L-NKS: AL PIE DE LA LECTURA Complete a passage that appears on screen with letters omitted	*SUNBURST*	AP,CO,IB	EG,SH	- - - -	● ● ● ● -	59.00
M-SS-NG L-NKS: LE MOT JUSTE Complete a passage that appears on screen with letters omitted	*SUNBURST*	AP,CO,IB	EG,SH	- - - -	● ● ● ● -	59.00
M-SS-NG L-NKS: WORTSPIEL Complete a passage that appears on screen with letters omitted	*SUNBURST*	AP,CO,IB	EG,SH	- - - -	● ● ● ● -	59.00
OTHER SIDE, THE Simulates conflicts between nations; objective is to negotiate conflict and build a bridge	*TOM SNYDER*	AP,IB	EG,SI	E - - -	- - ● ● -	49.95
PARIS EN METRO Introduces students to the Paris metro	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
PASSPORT: COURSEWARE CREATOR Foreign language mini-authoring program to create lessons and tests with color and graphics	*GESSLER*	AP	SH	- - - -	- - - ● ●	195.00
PROFESSION: DETECTIVE Explore the language by solving this *Snooper Troops* mystery	*GESSLER*	AP,CO	EG	- - - -	● ● ● - -	39.95
PROMPT Foreign language mini-authoring program to create lessons and tests with color and graphics	*GESSLER*	IB,JR	DP,IM	- - - -	- - - - ●	150.00
SCENARIO (KIDWRITER) Create pictures and stories; can display all French orthography	*GESSLER*	AP,CO	CA,GG,WP	- - - -	● ● ● - -	37.95
SPANISH ACHIEVEMENT I-III Vocabulary skills, various parts of speech, and idiomatic expressions	*MIC WRKSHP*	AP	DP	- - - -	- - ● ● -	149.85★
SPANISH FRED WRITER Full-featured Spanish version of *FrEdWriter*; requires Spanish wiz-chip	*HANDS-ON*	AP	WP	- - - -	● ● ● ● -	40.00

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SPANISH IDIOM MASTER Practice associating idioms or false cognates with proper sentence context	*LINGO FUN*	AP	DP,SH	- - - -	- - ● ● -	49.95
UN DIA EN MADRID Introduce students to the culture and language of Madrid	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
UN DIA TIPICO A simulation of a typical day in Spain	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
UN REPAS FRANCAIS A simulation of a typical French meal	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	99.00
UN VIAJE EN TREN A simulation of a train trip through a Spanish-speaking country	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
UNA FIESTA Introduce vocabulary and cultural items	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
UNA VISITA A MEXICO An exploration of Mexican culture and language	*DC HEATH*	AP	DP,SI	- - - -	- - ● ● -	120.00
WORTGEFECHT Introduce new words, meanings, and their usages; based on *Word Attack*	*GESSLER*	AP,CO,IB	DP,EG,TU	- - - -	- ● ● ● -	49.95

HEALTH

ALCOHOL THE PARTY Reaction time is displayed as program simulates varying quantities of alcohol consumption	*MARSHWARE*	AP	SI,TU	- - - -	- - ● ● -	49.95
BODY TRANSPARENT Three activities on human body parts, function, and placement	*DESIGNWARE*	AP,CO,IB,JR	DP	- - - E	- ● ● ● -	44.95
CARDIOVASCULAR FITNESS LAB The computer as a laboratory monitor of cardiovascular activity	*HRM SOFTWR*	AP,CO,IB	IF	- - - -	- ● ● ● -	175.00
FOOD FACTS Gives nutritional value of foods, including sugar content, vitamins, and eight nutrients	*MECC*	AP,CO	DB	- - - D	- ● ● - -	29.00
HEALTH AWARENESS GAMES Risk factors and longevity for a variety of behaviors	*HRM SOFTWR*	AP,CO,IB,JR,TR	DE,EG	- - - D	- - - ● -	99.00
HEART SIMULATOR Color graphics and animation depict blood flowing through the beating heart	*FOCUS*	AP	SI,TU	- - - D	- - ● ● -	49.00
HUMAN LIFE PROCESSES III: DEV,DIFF Review gamete fertilization, embryonic differentiation, and human development	*IBM*	IB	TU	- - - -	- - - ● -	52.00
MAKE IT CLICK Graphics and text presentation to explain and reinforce seat belt safety	*SUNBURST*	AP,TR	SI,TU	- - - -	- ● ● ● ●	59.00

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
PATHOLOGY: DISEASES AND DEFENSES	*IBM*	IB	TU	- - - - -	- - - ● -	52.00
Describes infectious pathogens, causes of noninfectious diseases, body defense, and immunity						

HOME ECONOMICS/LIVING SKILLS

ALCOHOL THE PARTY	*MARSHWARE*	AP	SI,TU	- - - - -	- - ● ● -	49.95
Reaction time is displayed as computer simulates varying quantities of alcohol consumption						
MAKE IT CLICK	*SUNBURST*	AP,TR	SI,TU	- - - - -	- ● ● ● ●	59.00
Graphics and text presentation to introduce and reinforce seat belt safety						
MARKET PLACE, THE	*MECC*	AP,AT,CO,IB,TC	SI	E - - -	- ● ● - -	49.00
Economics simulations include selling apples, plants, lemonade, and bicycles						
YOU ARE WHAT YOU EAT	*MARSHWARE*	AP	DE,SI	- - - - -	- ● ● ● -	39.95
Analyze nutritional value of a student's selection of food for one day; generates printout						

INSTRUCTIONAL TOOLS - AUTHORING SYSTEM

APPLE SUPER PILOT/LOGO	*APPLE*	AP	AU	- - - - -	- - ● ● ●	175.00
Create lessons using graphics, text, and sound						
ELECTRIC POET	*IBM*	IB	AU,CA	- - - - -	- ● ● ● ●	60.00
Authoring system with color, graphics, animation, and print capabilities; electronic presentation						

INSTRUCTIONAL TOOLS - DATA BASE

APPLEWORKS	*APPLE*	AP	DB,SD,WP	- E - - -	- - ● ● ●	175.00
Integrated program includes a word processor, data base, and spreadsheet						
BANK STREET FILER	*BRODERBUND*	AP,CO	DB	- - - - -	- ● ● ● -	69.95
Data base with applications in a variety of subject areas						
BANK STREET SCHOOL FILER	*SUNBURST*	AP	DB	- - - - -	- - ● ● -	99.00
Data base with teacher guide; includes filer, tutorial, and tools disks						
CREATE-A-BASE	*MECC*	AP	DB	- - - - -	- ● ● - -	29.00
Designed for middle school; includes planning sheets to provide data base experiences						
DBASE III+	*ASHTON TATE*	IB	DB	- - - - -	- - - ● ●	695.00
Newest version of *dBase III* data base program						
FILEVISION	*TELOS*	MC	DB	- - - - -	- - ● ● ●	195.00
Graphics-oriented data base						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
FILING ASSISTANT IBM version of *PFS: File* data base	*IBM*	IB	DB	- - - -	- - ● ● ●	68.00
FRIENDLY FILER Designed-for-education data base; includes instructional support materials	*GROLIER*	AP,CO,IB,JR	DB,PS	- - - E	- ● ● ● -	54.95
LOTUS 1-2-3 Integrated spreadsheet, data base, and word processor	*LOTUS*	IB	DB,SD,WP	- - - -	- - - ● ●	495.00
MASTERTYPE'S FILER Data base program with application files for students	*MINDSCAPE*	AP,AT,CO,IB	DB	- - - -	- ● ● - -	39.95
MICROSOFT FILE Full-function data base that can also handle graphics	*MICROSOFT*	MC	DB	- - - -	- - - ● ●	195.00
MICROSOFT WORKS Integrated program includes a word processor, data base, spreadsheet, and telecommunications	*MICROSOFT*	MC	DB,SD,TC,WP	- - - -	- - ● ● ●	295.00
PFS: FILE Data base to use with other *PFS:* programs; includes instructional support materials	*SCHOLASTIC*	AP,IB	DB	- - - -	- - ● ● ●	99.95
PFS: REPORT Prepares tabular printed reports from *PFS: File* data base; includes instructional support material	*SCHOLASTIC*	AP,IB	DB	- - - -	- - - ● ●	99.95
REFLEX: THE ANALYST Data base with graphics and crosstab analysis feature	*BORLAND*	IB	DB	- - - -	- - - ● ●	149.95
REPORTING ASSISTANT Reporting component of *Filing Assistant*	*IBM*	IB	DB	- - - -	- - - ● ●	61.00
SECRET FILER Elementary-level filing system to introduce information storage and retrieval	*SCHOLASTIC*	AP,CO	DB,PS	- - - -	- ● ● - -	29.95
STUFF AND FETCH Students use built-in word processor to put information into the data base and retrieve it	*MECC*	AP	DB	- - - -	- ● ● - -	49.00
SURVEY TAKER Allows development of 50-question surveys to be taken on-line; results may be graphed	*SCHOLASTIC*	AP	DB,SH	D - - -	- - ● ● ●	29.95
TRIVIA MACHINE Trivia game helps to develop data base thinking skills and keyword searching skills	*MECC*	AP	DB,DP,PS	- - - -	- ● ● ● -	49.00

INSTRUCTIONAL TOOLS - GRAPHICS GENERATOR

BLAZING PADDLES Tool for creating computer art; includes graphics library	*BAUDVILLE*	AP,AT,CO	CA,GG	- - - -	- ● ● ● ●	49.95
CERTIFICATE MAKER Allows design and printing of professional-looking certificates	*SPRINGBOARD*	AP,CO,IB	GG	- - - -	- ● ● ● ●	49.95

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
CLIP ART COLLECTION V.1 Collection of graphic images for *Print Shop*	*SPRINGBOARD*	AP,CO,IB	GG	- - - -	- ● ● ● ●	29.95
EASY GRAPH Produce pictographs, pie charts, and bar graphs; includes instructional materials	*GROLIER*	AP,CO,IB,JR	GG,TU	D - - E	● ● ● ● -	49.95
FANTAVISION "Tweening" creates up to 64 animated sequences for each picture drawn by user	*BRODERBUND*	AP	CA,GG	- - - -	- ● ● ● ●	49.95
FONTRIX 1.5 High resolution graphics utility program	*DATA TRANSFM*	AP	GG	- - - -	- - ● ● ●	95.00
FULLPAINT Drawing program similar to *MacPaint* but with scroll bars and other advanced features	*ANN ARBR SWK*	MC	CA,GG	- - - -	● ● ● ● ●	99.00
KOALAPAINTER Graphics used with nursery rhymes; requires Koalapad	*PTI-KOALA*	AP	CA,GG	- - - -	● ● ● - -	19.95
MACDRAFT Interactive drafting program for 2- and 3-dimensional applications	*INNOVATIVE*	MC	GG	- - - -	- - ● ● ●	269.00
MACDRAW Graphic development tool to create structured graphics and drawings	*APPLE*	MC	CA,GG	- - - -	● ● ● ● ●	195.00
MACPAINT General-purpose graphic development tool	*APPLE*	MC	CA,GG	- - - -	● ● ● ● ●	125.00
MACPROJECT Project planner allows display of project flow and responsibilities	*APPLE*	MC	GG	- - - -	- - - ● ●	195.00
MICROSOFT CHART Business graphics package works interactively or with *Multiplan* data	*MICROSOFT*	MC	GG	- - - -	- - - ● ●	125.00
MOUSE PAINT Graphics generation program; includes mouse	*APPLE*	AP	GG	- - - -	● ● ● - -	99.00
NEWSROOM Desktop publishing program for flyers and newsletters; includes instructional support materials	*SCHOLASTIC*	AP,CO,IB,JR	CA,GG,IM	- - - -	- ● ● ● ●	59.95
NEWSROOM Desktop publishing program for flyers and newsletters	*SPRINGBOARD*	AP,CO,IB	CA,GG,IM	- - - -	- ● ● ● ●	59.95
PAGEMAKER Full-function 16-page desktop publishing system allows user to fully format individual pages	*ALDUS*	MC	GG	- - - -	- - ● ● ●	495.00
PC STORYBOARD Graphics presentation program with animation and special effects	*IBM*	IB	GG	- - - -	- - ● ● ●	275.00
PFS: GRAPH Generate pie, bar, and line charts from user-entered data or from *PFS: File* data	*SCHOLASTIC*	AP,IB	GG	D - - -	- - - ● ●	119.95
PRINT SHOP Create signs, posters, greeting cards, and banners; many choices of graphics and fonts	*BRODERBUND*	AP,AT,CO,IB	CA,GG	- - - -	● ● ● ● ●	49.95

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PRINT SHOP COMPANION Create graphics for use with *Print Shop*	*BRODERBUND*	AP	CA,GG	- - - -	● ● ● ● ●	39.95
PRINT SHOP GRAPHICS LIBRARY 3 Graphics for business, international symbols, mythology, fantasy, and a zoo of animals	*BRODERBUND*	AP	CA,GG	- - - -	- ● ● ● ●	24.95
PROFESSIONAL SIGN MAKER Produce graphic letters for signs, overhead transparencies, etc.	*SUNBURST*	AP,IB	GG	- - - -	- ● ● ● ●	59.00
PUZZLES AND POSTERS Design and print word searches, crossword puzzles, mazes, and posters	*MECC*	AP,CO,IB,TR	CA,EG,GG,IM	- D - -	● ● ● ● ●	39.00
TAKE 1 Accepts previously created graphics into a slide show for presentation	*BAUDVILLE*	AP	CA,GG	- - - -	- ● ● ● ●	59.95

INSTRUCTIONAL TOOLS - INSTRUCTIONAL MATERIALS GENERATOR

ARBPLOT Demo of curve plotting, limits and derivatives, integration, sequences, series, and finding of roots	*CONDUIT*	AP	DE,TU	- - - -	- - - ● -	125.00
CROSSWORD MAGIC, NEW Generate crossword puzzles from users' words for play on-screen or print for off-screen use	*MINDSCAPE*	AP,AT,CO,IB,JR	DP,EG,IM,SH	- D - -	● ● ● ● -	59.95
FACT SHEETS Produce worksheets on facts for the four basic arithmetic operations	*HARTLEY*	AP	DP,IM	- - - -	- - - - ●	49.95
MASTER SPELL Design word lists and lessons to fit individual needs; records misspelled words for review	*MECC*	AP	DP,SH,TU	- D - -	● ● ● ● ●	49.00
MASTERING MATH WORKSHEET GENER Creates and prints worksheets	*MECC*	AP	DP,IM	- - - -	● - - - ●	39.00
MATH ASSISTANT I-II Assessment tool to diagnose and improve math achievement; editing option	*SCHOLASTIC*	AP	DP,TE	- - - -	● ● - - -	129.95★
MUSIC CONSTRUCTION SET Use icons to create, edit, and record music; uses musical notation	*ELECTR ART*	AP,AT,CO,IB	IM	- - - -	- ● ● ● ●	14.95
NEWSROOM Desktop publishing program for flyers and newsletters; includes instructional support materials	*SCHOLASTIC*	AP,CO,IB,JR	CA,GG,IM	- - - -	- ● ● ● ●	59.95
NEWSROOM Desktop publishing program for flyers and newsletters	*SPRINGBOARD*	AP,CO,IB	CA,GG,IM	- - - -	- ● ● ● ●	59.95
PAGEMAKER Full-function 16-page desktop publishing system allows user to fully format individual pages	*ALDUS*	MC	GG	- - - -	- - ● ● ●	495.00
PUZZLES AND POSTERS Design and print word searches, crossword puzzles, mazes, and posters	*MECC*	AP,CO,IB,TR	CA,EG,GG,IM	- D - -	● ● ● ● ●	39.00

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WORD SEARCH	*HARTLEY*	AP,IB	SH	- D - -	• • • • -	29.95
Creates word-find puzzles of up to 22 words; optional skill levels and print size; requires printer						

INSTRUCTIONAL TOOLS - SHELL/MINI-AUTHORING SYSTEM

GAME SHOW, THE	*ADV ID*	AP,CO,IB,JR	IM,SH	- D - -	• • • • •	39.95
Password format game; users may add their own subjects and words						
TIC TAC SHOW	*ADV ID*	AP,CO,IB,JR	AU,EG,IM,SH	- D - -	• • • • -	39.95
Mini-authoring system allows teachers or students to develop Hollywood squares games						

INSTRUCTIONAL TOOLS - SPELLING CHECKER

BANK STREET SPELLER	*SCHOLASTIC*	AP	SK	- - - - -	- • • • •	64.95
Spell-checker can replace misspelled words globally or one-by-one; dictionary can be expanded						
GHOST WRITER	*MECC*	AP	SK	- - - - -	- • • • •	89.00
Writing analysis tool that encourages students to improve their composition skills						
SENSIBLE GRAMMAR	*SENSIBLE*	AP	SK	- - - - -	- - • • •	99.95
Writing analysis package						
SENSIBLE SPELLER	*SENSIBLE*	AP	SK	- - - - -	- - • • •	125.00
Spelling checker for ProDOS-based word processors						

INSTRUCTIONAL TOOLS - SPREADSHEET

APPLEWORKS	*APPLE*	AP	DB,SD,WP	- E - -	- - • • •	175.00
Integrated program includes a word processor, data base, and spreadsheet						
EDUCALC	*GROLIER*	AP,CO,IB,JR	PS,SD,TU	- - - - -	- • • • -	64.95
Designed-for-education spreadsheet includes tutorial and instructional support materials						
EXCEL	*MICROSOFT*	MC	SD	- - - - -	- - - • •	395.00
Full-function spreadsheet with graphics						
LOTUS 1-2-3	*LOTUS*	IB	DB,SD,WP	- - - - -	- - - • •	495.00
Integrated spreadsheet, data base, and word processor						
MICROSOFT MULTIPLAN	*MICROSOFT*	IB,MC	SD	- - - - -	- - • • •	195.00
Full-function spreadsheet						
MICROSOFT WORKS	*MICROSOFT*	MC	DB,SD,TC,WP	- - - - -	- - • • •	295.00
Integrated program includes a word processor, data base, spreadsheet, and telecommunications						

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SIDEWAYS	*FUNK*	AP,IB	SD	- - - -	- - ● ● ●	69.95
Allows sideways printing of spreadsheet data						
SUPERCALC 3A	*COMP ASSOC*	AP	GG,SD	- - - -	- - - ● ●	195.00
Full-function spreadsheet						
TK! SOLVER	*UNIVERSAL*	AP,IB,JR,MC	PS	- - - -	- - - ● ●	200.00
Formula processor/tool for technical and scientific applications						

INSTRUCTIONAL TOOLS - TELECOMMUNICATIONS

APPLE ACCESS II	*APPLE*	AP	TC	- - - -	- - ● ● ●	75.00
ProDOS-based communications program						
ASCII EXPRESS	*UNITED*	AP,IB	TC	- - - -	- - ● ● ●	129.95
Smart terminal communications package						
INFORMATION CONNECTION	*GROLIER*	AP,CO,IB,JR	TC,TU	- - - -	- ● ● ● ●	74.95
Demonstrates use of on-line data bases; includes communications software						
MACTERMINAL	*APPLE*	MC	TC	- - - -	- - ● ● ●	125.00
Communications program						
MICROSOFT WORKS	*MICROSOFT*	MC	DB,SD,TC,WP	- - - -	- - ● ● ●	295.00
Integrated program includes a word processor, data base, spreadsheet, and telecommunications						
PC-TALK	*FREEWARE*	IB	TC	- - - -	- - - ● ●	35.00
Smart terminal communications package						
RED RYDER V.9	*FREESOFT*	MC	TC	- - - -	- - - ● ●	40.00
Full-function communications package						

INSTRUCTIONAL TOOLS - WORD PROCESSOR

ALEXANDER	*GESSLER*	AP,IB,JR	WP	- - - -	- - ● ● ●	245.00
Multilingual word processor that supports math, science notation, and music notation						
APPLE WRITER IIE	*APPLE*	AP	WP	- D - -	- ● ● ● ●	149.00
Full-function word processor; ProDOS-based						
APPLEWORKS	*APPLE*	AP	DB,SD,WP	- E - -	- - ● ● ●	175.00
Integrated program includes a word processor, data base, and spreadsheet						
BANK STREET WRITER	*BRODERBUND*	AP,CO,IB	TU,WP	- - - -	- ● ● - -	69.95
Designed-for-education word processor with tutorial						
BANK STREET WRITER	*SCHOLASTIC*	AP,AT,CO	TU,WP	- D - -	- ● ● - -	69.95
Designed-for-education word processor with tutorial; includes instructional support materials						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
BANK STREET WRITER II Revised version of *BSW*; includes instructional support materials	*SCHOLASTIC*	AP	TU,WP	- - - -	- ● ● - -	69.95
BANK STREET WRITER III New version of *BSW* with thesaurus and spell checker; includes instructional support materials	*SCHOLASTIC*	AP,IB	WP	- - - -	- ● ● ● ●	79.95
CALLIOPE Idea processor with word processing capabilities	*INNOVISION*	MC	WP	- - - -	- ● ● ● ●	59.95
GUTENBERG JUNIOR Text editor with French, Spanish, German, and ten other language fonts	*GESSLER*	AP	WP	- - - -	- ● ● ● ●	99.95
HOMEWORD Full-function word processor	*SIERRA*	AP	WP	- - - -	● ● ● - -	69.95
LOGOWRITER Integrates word processing with a version of the Logo progamming language	*LCSI*	AP,CO,IB,JR	CP,WP	- - - -	● ● ● - -	119.00
LOTUS 1-2-3 Integrated spreadsheet, data base, and word processor	*LOTUS*	IB	DB,SD,WP	- - - -	- - - ● ●	495.00
MACWRITE Full-function word processor	*APPLE*	MC	WP	- E - -	- ● ● ● ●	125.00
MAGIC SLATE Designed-for-education word processor with 20, 40, or 80 columns; includes instructional support materials	*SUNBURST*	AP	WP	- E - -	● ● ● ● ●	99.95
MECC WRITER Designed-for-education word processor; includes instructional support materials	*MECC*	AP	WP	- D - -	- ● ● ● ●	49.00
MICROSOFT WORD Full-function word processor	*MICROSOFT*	MC	WP	- - - -	- - - ● ●	195.00
MICROSOFT WORKS Integrated program includes a word processor, data base, spreadsheet, and telecommunications	*MICROSOFT*	MC	DB,SD,TC,WP	- - - -	- - ● ● ●	295.00
MILLIKEN WORD PROCESSOR Designed-for-education word processor; instructional materials; also in *The Writing Workshop*	*MILLIKEN*	AP	WP	- D - -	● ● ● ● ●	69.95
MULTISCRIBE Full-function word processor with Mac-like features	*STYLEWARE*	AP	WP	- - - -	- ● ● ● ●	69.95
PAPERCLIP Full-function word processor	*BATTERIES*	AP,AT,CO	WP	- - - -	- ● ● - -	59.95
PFS: WRITE Full-function word processor; includes instructional support materials	*SCHOLASTIC*	AP,IB	WP	- D - -	- - ● ● ●	99.95
QUILL Word processor for student writing activities; includes instructional support materials	*DC HEATH*	AP	WP	- - - -	- ● ● ● -	150.00
TALKING TEXT WRITER Full-function word processor with speech capability; includes instructional support material	*SCHOLASTIC*	AP	WP	- - - -	● ● ● - -	199.95

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THINK TANK	*LIV TEXT*	AP,IB,MC	CA,WP	- - - -	- - - ● ●	195.00
Outline generator and tool for idea processing						
WORD PERFECT 4.1	*WORD PERFECT*	AP,IB	WP	- - - -	- - - ● ●	495.00
Full-function word processor with indexing, table of contents, outline, thesaurus, and sorts						
WORDSTAR 2000	*MICROPRO*	IB	WP	- - - -	- - - ● ●	495.00
Full-function word processor						
WRITING ASSISTANT	*IBM*	IB	WP	- - - -	- - - ● ●	68.00
Full-function word processor; IBM version of *PFS: Write*						

KEYBOARDING

see also BUSINESS EDUCATION - TYPING *section*

ALPHABETIC KEYBOARDING	*SW PUB*	AP,IB,JR,TR	DP	- - - -	- - ● ● -	89.50
Beginning through intermediate exercises to introduce keyboard; drills and timed drills						
KEYBOARD CADET	*MINDSCAPE*	AM,AP,CO,IB,JR	DP,EG,TU	- - - -	● ● - - -	39.95
Proper fingering for touch typing on Dvorak or Qwerty keyboard						
KEYBOARDING PRIMER	*MECC*	AP	DP,TU	- - - -	● ● - - -	59.00
Eighteen lessons introduce the keys and help students with correct fingering techniques						
KIDS ON KEYS	*SPINNAKER*	AP,CO,IB	DP,TU	- - - -	● ● - - -	29.95
Introductory keyboarding activities for young children						
MASTERTYPE	*MINDSCAPE*	AP,CO,IB,JR,MC	DP	- D - -	● ● ● ● -	39.95
Multiple levels for individualized skill development; editing option						
MICROTYPE	*SW PUB*	AP,CO,IB	DP,TU	- E - -	- ● ● - -	39.95
Graphic instruction and practice in touch typing						
STICKYBEAR TYPING	*WEEK READ*	AP,CO	DP,TU	- D - -	● ● - - -	39.95
Intr[illegible]e and practice keyboarding skills; stores progress on disk						
SUCCESS WITH TYPING	*SCHOLASTIC*	AP,IB	DP,TU	- - - -	- ● ● - -	69.95
Complete touch typing and keyboard instruction in twenty lessons						
SUPERKEY	*BYTES OF LRN*	AP	DP,TU	- - - -	- ● ● ● -	59.95
Instruction on finger placement; drills for speed and accuracy						
TYPE TO LEARN	*SUNBURST*	AP	DP,TU	- - - -	- ● ● - -	69.00
Language-based approach to keyboarding with practice in spelling and composition						
TYPING TUTOR III	*SIMON & SCHU*	AP,CO,IB,MC	DP,TU	- - - -	- - ● ● -	49.95
Instruction on finger placement; drills for speed and accuracy						
TYPING WELL	*LEARN WELL*	AP	DP,EG,TU	- - - -	● ● ● - -	49.95
Five games for practicing touch typing; adjustable drill speed						

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
LANGUAGE ARTS/ENGLISH - LITERATURE						
M-SS-NG L-NKS: CLASSICS Reading activities based on classical literature to develop use of context clues	*SUNBURST*	AP,AT,CO,IB,TR	EG,PS	- D - -	- - ● ● ●	59.00
M-SS-NG L-NKS: ENGLISH EDITOR Reading activities to develop use of context clues; editing option	*SUNBURST*	AP,AT,IB,JR,TR	EG,PS,SH	- - - -	● ● ● ● ●	69.00
M-SS-NG L-NKS: YOUNG PEOPLE'S LIT Reading activities based on familiar stories for young people to develop use of context clues	*SUNBURST*	AP,AT,CO,IB,TR	EG,PS	- - - -	- ● ● - ●	59.00
LANGUAGE ARTS/ENGLISH - READING						
ALPHABET CIRCUS Six musical games introduce and reinforce letter recognition skills	*DLM*	AP,CO,IB,JR	DP,EG	- D - -	● - - - -	29.95
ALPHABETIZATION Recognize uppercase/lowercase; recall alphabetical sequence; alphabetize thru fifth letter	*MILLIKEN*	AP	DP	- D - -	● ● ● - -	75.00
ANALOGIES ADVANCED Advanced practice on identification and completion of analogies	*HARTLEY*	AP,IB	DP,TU	- - - -	- - - ● -	39.95
ANALOGIES TUTORIAL Practice identification and completion of analogies; editing option	*HARTLEY*	AP,IB	DP,TU	- D - -	● ● ● - -	49.95
BOPPIE'S GREAT WORD CHASE Spell or unscramble words to move through a maze; list of 2,566 words can be edited	*DLM*	AP,CO,IB,JR	DP,EG	- - - -	● ● ● - -	29.95
BUILDING READING SKILLS: CIRCUS/ZOO Practice with initial consonants m,c,b,t,p,s,d,n,k,r; requires Ufonic system; record keeping	*JOSTENS*	AP	DP,EG	- D - -	● - - - -	149.00
BUILDING READING SKILLS: FARM/JUNGL Practice with initial consonants l,h,w,g,f,j,v,y,q,z; requires Ufonic system; record keeping	*JOSTENS*	AP	DP,EG	- D - -	● - - - -	149.00
BUILDING READING SKILLS: SHORT/LONG Practice short and long vowel sounds; requires Ufonic system; record keeping	*JOSTENS*	AP	DP,EG	- D - -	● - - - -	149.00
CALENDAR SKILLS Days of week, months of year, seasons, holidays, abbreviations, ordinal positions; editing option	*HARTLEY*	AP,IB	DP	- - - -	● ● - - -	39.95
CHARIOTS, COUGARS, AND KINGS Practice in comprehension skills, detail, and sequence; record keeping; editing option	*HARTLEY*	AP	DP,SH,TE	- D - -	● ● - - -	39.95
CLASSIFICATION Data base manager optimized for scientific classification; includes teaching materials	*MECC*	AP,IB,JR	CA,DB	- - - -	- ● ● ● -	29.00
CLOZE-PLUS LV. C-H Structured Cloze and vocabulary-in-context activities; includes optional management system	*MILLIKEN*	AP	DP,TU	- D - -	● ● ● ● -	900.00*
COMPREHENSION POWER LV. A-L Each level has 12 lessons on vocabulary, main idea, comprehension; management; printer desirable	*MILLIKEN*	AP	DP,TU	- E - -	● ● ● ● -	1800.00*

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
COMPUTER CROSSROADS	*ED'L ACTV*	AP	DP,PS	- D - -	● ● - - -	99.95
Create adventures, make decisions, and practice reading comprehension skills						
DRAGON'S KEEP	*SIERRA*	AP,CO	EG,PS	- - - -	● ● - - -	29.95
A gentle problem-solving adventure to encourage critical thinking skills						
FACT OR OPINION	*HARTLEY*	AP,IB	TU	- D - -	- ● - - -	39.95
Explanation and practice in applying criteria to determine if information is fact or opinion						
FAY'S WORD RALLY	*DIDATECH*	AP,CO	DP,EG	- D - -	● - - - -	49.95
Reinforces sight words, sentence comprehension, vocabulary, and reasoning skills; management						
FIRST-LETTER FUN	*MECC*	AP	DP	- - - -	● - - - -	49.00
Practice letters with beginning sounds of words corresponding to pictures in the story						
FUN FROM A TO Z	*MECC*	AP	DP	- - - -	● - - - -	49.00
Letter discrimination, match uppercase/lowercase letters, and create pictures						
GERTRUDE'S PUZZLES	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● ● - -	59.95
Solve puzzles involving recognition of color and shape patterns						
GERTRUDE'S SECRETS	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● - - -	59.95
Develop critical thinking skills by finding patterns in shapes and colors						
GO TO THE HEAD OF THE CLASS	*MED MAT*	AP,IB,JR	EG	D - - -	● ● ● ● -	39.95
Three hundred questions on general knowledge of vocabulary, geography, math, and history						
HI/LO CONTENT AREA READING: SCIENCE	*GAMCO*	AP,CO,TR	DP,TU	- - - -	- ● ● - -	54.95
Tutorial and practice in reading and comprehension of science materials						
HINKY PINKY GAME	*LEARN WELL*	AP	EG	- D - -	● ● ● ● -	49.95
Guess rhyming words from hints and definitions; three levels; editing option						
JACK AND THE BEANSTALK	*HRM SOFTWR*	AP	DP,EG	- D - -	● ● ● - -	49.00
Animated adventure game challenges problem-solving and reading skills						
JENNY'S JOURNEYS	*MECC*	AP,IB	SI	D - - -	- ● - - -	49.00
Apply map reading skills to drive through a city						
JUGGLES' RAINBOW	*TLC*	AP,CO	DP,EG	- - - -	● - - - -	44.95
Reinforces the concepts of left and right, above and below						
KITTENS, KIDS, AND A FROG	*HARTLEY*	AP	DP	- D - -	● - - - -	39.95
Stories/questions about details, sequence, main idea, vocabulary, and outcomes; editing option						
LETTER RECOGNITION	*HARTLEY*	AP	DP,TU	- - - -	● - - - -	29.95
Locate letters on keyboard, match uppercase/lowercase letters, and match numerals to number words						
LETTERS AND FIRST WORDS	*C & C SOFT*	AP	DP,EG	- - - -	● - - - -	60.00
Letter recognition skills and short words; reinforces basic language skills						
LETTERS AND WORDS	*LEARN WELL*	AP,IB,JR	DP,EG,TU	- D - -	● - - - -	49.95
Three games: alphabetizing, letter matches, sight words; graphics; editing option; record keeping						

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MEMORY BUILDER: CONCENTRATION Activities to improve memory, attention span, and concentration	*PRO DESIGN*	AP,AT,CO,TR	EG	- - - -	● ● - - -	34.95
MUPPET WORD BOOK, THE Muppet characters introduce letters, words, and simple writing skills	*SUNBURST*	AP	DP,EG	- - - -	● - - - -	59.00
MUPPETVILLE 4 Kermit explores colors, shapes, numbers, and patterns in Muppetville	*SUNBURST*	AP	DP,EG	- - - -	● - - - -	59.00
OLLIE FINDS IT! Practice and tests on pre-reading skills	*C.C. PUB*	AP	DP,TE,TU	- - - -	● - - - -	49.95
OLLIE LETTERS IT! Practice and tests on matching uppercase/lowercase letters	*C.C. PUB*	AP	DP,TE,TU	- - - -	● - - - -	49.95
PAINT WITH WORDS Develop vocabulary and create pictures; Ufonic system optional; can be printed	*MECC*	AP	CA	- - - -	● - - - -	49.00
PERPLEXING PUZZLES Use critical reading skills to solve problems; editing option	*HARTLEY*	AP	EG,PS,SH	- D - -	- ● ● ● -	39.95
PUZZLER Use reading strategies of predicting and confirming; create individual or group compositions	*SUNBURST*	AP,CO,IB,JR,TC	DP,EG,PS	- D - -	- ● ● - -	59.00
READER RABBIT Four games with graphics to practice letter and word recognition	*TLC*	AP,CO,IB	DP,EG	- D - -	● - - - -	54.95
READING AROUND WORDS LV. D-L Interactive, structured vocabulary development program; pre-test and post-test	*INST/COMM*	AP	DP	- D - -	- ● ● ● -	1350.00*
READING FOR MEANING LV. 1 Practice factual comprehension, recall, vocabulary, and sequencing	*HARTLEY*	AP	DP,TU	- D - -	● - - - -	39.95
READING FOR MEANING LV. 2 Practice inferential comprehension, outcomes, conclusions, and main ideas	*HARTLEY*	AP	TU	- - - -	● - - - -	39.95
READING WORKSHOP, THE Activities and problems to introduce short stories	*MINDSCAPE*	AP,IB	DP	- - - -	- ● ● - -	850.00*
RIDDLE ME THIS Word recognition with homonyms, contractions, and possessives	*DATA COMM*	AP,TR	DP,EG	- - - -	- ● ● ● -	85.25
SPEED READER II Exercises to build reading speed/comprehension; readability scale; editing option	*DAVIDSON*	AP,CO,IB,MC	TU	- D - -	- ● ● ● -	69.95
SPEED READER II DATA DISKS Four disks provide selections to supplement *Speed Reader II;* reading levels 4-6,7-9,10-12,adult	*DAVIDSON*	AP,CO,IB,MC	DP,TU	- D - -	- ● ● ● -	79.80
STICKYBEAR ABC Three games present word identification, order, and matching	*WEEK READ*	AP,AT,CO	DP,EG	- - - -	● - - - -	39.95
STICKYBEAR READING Animated activities introduce and reinforce early reading skills	*WEEK READ*	AP,CO,IB	DP,EG	- D - -	● - - - -	39.95

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STICKYBEAR SPELLGRABBER	*WEEK READ*	AP,CO	DP,EG	- - - -	● ● - - -	39.95
Three activities using 4,000 words from *Weekly Reader*						
TREASURE HUNTER	*GROLIER*	AP	EG,PS	D D - -	- ● ● - -	54.95
Earn clues to treasure map by locating historical and geographical facts in reference books						
WHO, WHAT, WHERE, WHEN, WHY	*HARTLEY*	AP,IB	DP	- D - -	● ● - - -	35.95
Select antonyms for target words; editing option						
WILDERNESS: SURVIVAL ADVENTURE	*ELECTR TRANS*	AP,IB	EG,PS,SI	- - - -	- ● ● ● -	50.00
Read scenario and decide how to survive a plane crash in the wilderness						
WINNIE THE POOH IN 100 ACRE WOOD	*WALT DISNY*	AP,CO	EG,PS	- E - -	● ● - - -	49.95
Read directions and maps to find objects in the woods; practice recall and inference						
WIZARD OF WORDS	*ADV ID*	AP,CO,IB,JR	DP,EG,SH	- D - -	● ● ● - -	39.95
Five games for spelling and vocabulary; 38,000 words, eight levels; management; editing option						
WORD ATTACK	*DAVIDSON*	AP,AT,CO,IB	DP,EG,SH	- D - -	- ● ● ● -	49.95
Four vocabulary exercises use words in sentences; nine levels; editing option						
WORD BLASTER	*RANDOM*	AP,AT,IB,TR	DP,EG	- - - -	● ● - - -	150.00
Use context clues to develop reading vocabulary and sentence comprehension						
WORD MUNCHERS	*MECC*	AP	DP,EG	- - - -	● - - - -	49.00
Practice skills of recognizing vowels, dipthongs, and digraphs						
WORD SEARCH	*HARTLEY*	AP,IB	SH	- D - -	● ● ● ● -	29.95
Creates word-find puzzles of up to 22 words; optional skill levels and print size; requires printer						
WORD WIZARDS	*MECC*	AP	DP,SH	- D - -	● ● ● - -	49.00
Four graphic spelling and vocabulary activities; editing option						

LANGUAGE ARTS/ENGLISH - SPELLING

see also INSTRUCTIONAL TOOLS - SPELLING CHECKER *section*

CROSSWORD MAGIC, NEW	*MINDSCAPE*	AP,AT,CO,IB,JR	DP,EG,IM,SH	- D - -	● ● ● ● -	59.95
Generate crossword puzzles from users' words; play on-screen or print for off-screen use						
MAGIC SPELLS	*TLC*	AP,CO,IB	DP,EG	- - - -	● ● - - -	49.95
Adventure activity as a vehicle for sharpening spelling skills; editing option						
MASTER SPELL	*MECC*	AP	DP,SH,TU	- D - -	● ● ● ● ●	49.00
Design word lists and lessons to fit individual needs; records misspelled words for review						
SPELL IT!	*DAVIDSON*	AP,AT,CO,IB	DP,EG,SH	- D - -	- ● ● ● -	49.95
Present spelling rules in game format; 1,000 common words; editing option						

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LANGUAGE ARTS/ENGLISH - WRITING

see also INSTRUCTIONAL TOOLS - INSTRUCTIONAL MATERIALS GENERATOR *section*

see also INSTRUCTIONAL TOOLS - SPELLING CHECKER *section*

see also INSTRUCTIONAL TOOLS - WORD PROCESSOR *section*

ADJECTIVES	*HARTLEY*	AP,IB	DP,SH,TU	- D - -	● ● - - -	39.95
Practice in using pronouns, possessive pronouns, and articles as adjectives; editing option						
ADVENTURE CONSTRUCTION SET	*ELECTR ART*	AM,AP,CO	CA	- - - -	- ● ● ● -	49.95
Users write and illustrate their own adventure games						
BANK STREET STORYBOOK	*MINDSCAPE*	AP,CO,IB,JR	CA,WP	- D - -	- ● ● - -	49.95
Users write, illustrate, and print a story or short book						
BANK STREET WRITING ACTIVITIES	*SCHOLASTIC*	AP,AT,CO,IB	DP,WP	- D - -	- ● ● - -	59.95
Composition and language skill activities to supplement *Bank Street Writer*; multilevel						
CAPITALIZATION PLUS	*MIC WRKSHP*	AP	DP,TU	- D - -	- ● ● - -	44.95
Apply given rules to specific examples and analyze errors; record keeping						
COMPU-POEM	*SCWRIP*	AP	CA	- - - -	- ● ● ● -	16.95
User provides specified parts of speech, and program uses the words to create a poem						
COMPUTER CHRONICLES	*INTERLEARN*	AP	DE,TU,WP	- D - -	- ● ● ● -	39.95
Create stories for news network and send via modem to other sites; Spanish version available						
CREATE WITH GARFIELD	*DLM*	AP,CO	CA,EG	- - - -	● ● ● ● -	29.95
Create cartoons with Garfield characters; can be printed						
ENGLISH ACHIEVEMENT I-V	*MIC WRKSHP*	AP,CO,IB,PE,TR	DP,TU	- D - -	- - - ● -	199.75★
Practice in preparing for portions of the *CEEB* English Composition Achievement Test						
ENGLISH: PARTS OF SPEECH	*MECC*	AP	DP	- - - -	- - - ● -	39.00
Diagnoses proficiency in parts of speech and provides remediation						
EXTRA! EXTRA!	*MED MAT*	AP,IB,JR	DP,EG	- - - -	● ● ● - -	39.95
Student reporter must discover the five w's and then submit a story						
GRAMMAR EXAMINER	*DESIGNWARE*	AP,CO,IB,JR	DP,EG	- D - -	- ● ● ● -	44.95
Game format simulates newspaper office to review punctuation, capitalization, and sentence structure						
GRAMMAR GREMLINS	*DAVIDSON*	AP,IB	DP	- - - -	- ● ● - -	49.95
Comprehensive grammar program with rules and a variety of reinforcing activities; editing option						
I CAN WRITE	*SUNBURST*	AP	CA	- - - -	● - - - -	40.00
Twenty-five lessons with files that load into 20-column *Magic Slate*						
JUST IMAGINE	*COMMODORE*	CO	CA,GG,WP	- - - -	- ● ● - -	34.95
Select from forty possible objects to create moving picture and story; includes word processor						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
KERMIT'S ELECTRONIC STORYMAKER	*SIMON & SCHU*	AP,CO	DP	- D - -	● - - - -	34.95
Create stories with Muppets as characters to build vocabulary and skill in sentence structure						
KIDWRITER	*SPINNAKER*	AP,CO,IB	CA,WP	- D - -	● ● - - -	39.95
Write stories and choose illustrations from available graphics set						
MECC WRITE START	*MECC*	AP	DP,TU,WP	- D - -	- - ● ● -	39.00
Activities using *MECC Writer* to share ideas, experiment with words, and write stories or poems						
MYSTERY SENTENCES	*SCHOLASTIC*	AP	EG,PS	- D - -	- ● ● ● -	59.95
Complete sentences when given only the number of letters and the parts of speech						
PFS: WRITE ACTIVITY FILES	*SCHOLASTIC*	AP	CA	- - - -	- ● ● - -	69.95
Activity files to be used with *PFS: Write* to stimulate the writing process						
PLAYWRITER'S THEATER	*JOSTENS*	AP	EG,PS,SI,WP	- E - -	- ● ● - -	119.00
Select characters, actions, scenes, and phrases to create plays; requires Ufonic system						
POETRY EXPRESS	*LEARN WELL*	AP,CO	CA,TU	- D - -	● ● ● ● -	49.95
Line-by-line guidance encourages students to write and print poetry; includes samples						
PROTEUS, THE IDEA PROCESSOR	*RESRCH DSGN*	AP,CO	CA	- - - -	- - ● ● -	79.95
Freewriting, looping, and listing activities to encourage student writing						
SENTENCE COMBINING 1 AND 2	*MILLIKEN*	AP	DP,TU	- D - -	- ● ● - -	195.00★
Increases fluency thru visual modeling, interaction, and practice; record keeping; prints						
SHOW TIME	*MECC*	AP	CA	- - - -	- - ● ● -	49.00
Make corrections in script and theater directions to create plays						
STORY MAKER	*SCHOLASTIC*	AP	DB,SI,TU,WP	- E - -	● ● ● - -	95.00
Compose and illustrate stories; requires printer, joystick; optional mouse, Koalapad						
STORY TREE	*SCHOLASTIC*	AP,CO,IB	CA,SH,WP	- D - -	● ● ● ● -	59.95
Three interactive stories; word processor for creating additional branching stories						
WRITER'S HELPER	*CONDUIT*	IB,JR	CA,DP,TU	- E - -	- - - ● -	120.00
Guides students in creating and organizing ideas, writing, and evaluating their writing						
WRITING A CHARACTER SKETCH	*MECC*	AP	DP,SH,TU	- D - -	- - - ● -	39.00
Introduce fiction and non-fiction character development by examples and questions						
WRITING A NARRATIVE	*MECC*	AP	DP,TU	- D - -	- - ● ● -	39.00
Use brainstorming, listing, and idea-organizing to develop narrative framework and point of view						
WRITING ADVENTURE	*DLM*	AP,CO	CA,WP	- - - -	● ● ● - -	59.95
Write and edit stories; proofreading feature checks for common errors						
WRITING WORKSHOP, THE	*MILLIKEN*	AP	CA,TU,WP	- - - -	- ● ● ● -	450.00★
Complete writing program with support materials: pre-write, word processor, and post-write						

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE

LIBRARY MEDIA SKILLS

HOW CAN I FIND IT?	*SUNBURST*	AP	DB,TU	- - - -	- ● ● ● -	**59.00**
Uses a series of branching operations to explore library resources; book titles can be edited						
INFORMATION CONNECTION	*GROLIER*	AP,CO,IB,JR	TC,TU	- - - -	- ● ● ● ●	**74.95**
Demonstrates use of on-line data bases; includes communications software						
ISLE OF MEM	*GROLIER*	AP	DP,EG	- - - -	- ● ● - -	**49.95**
Adventure game; student uses *The Book Of Knowledge* encyclopedia to answer questions						

MATHEMATICS - ADVANCED MATHEMATICS

COMPUTER GRAPHING EXPERIMENTS V.2	*ADD WES*	AP	DP,GG,TU	- - - -	- - - ● -	**60.00**
Graphs trigonometric functions from user-determined parameters						
COMPUTER GRAPHING EXPERIMENTS V.3	*ADD WES*	AP	DP,GG,TU	- - D -	- - - ● -	**60.00**
Graphs conic functions from user-determined parameters						
ELECTRONIC BLACKBOARD: TRIGONOM	*COMPRESS*	AP	DE,GG,TU	- - - -	- - - ● -	**50.00**
Graphs and explores trigonometric functions from user-defined parameters						
GRAPHICAL ANALYSIS II	*VERNIER*	AP	GG,PS	- - - D	- - ● ● -	**24.95**
Plots graphs with experimental data						
MATHEMATICS V.4: ADVANCED	*MECC*	AP	DP,TU	- - - -	- - - ● -	**39.00**
Numerical integration, limits of functions, equation graphing, matrices, and polynomial equations						
MICROSOFT MU-MATH	*MICROSOFT*	IB	PS	- - - -	- - - ● -	**300.00**
Performs algebra, trig, calculus (differentiation and integration), and transcendental functions						
TRIGONOMETRY OF THE RIGHT TRIANGLE	*MIC WRKSHP*	AP	DP	- - - -	- - - ● -	**39.95**
Step-by-step solving of trigonometric word problems						

MATHEMATICS - ALGEBRA

ALGEBRA ARCADE	*COMPRESS*	AP,CO,IB	DP,EG	- - D -	- - ● ● -	**49.95**
Game format practice in creating graphs of equations on a coordinate plane						
COMPUTER GRAPHING EXPERIMENTS V.1	*ADD WES*	AP	DP,GG,TU	- - - -	- - - ● -	**60.00**
Graphs user-determined algebraic functions						
ELECTRONIC BLACKBOARD: ALGEBRA	*COMPRESS*	AP	DE,GG,TU	- - - -	- - ● ● -	**95.00**
Graphs and explores algebraic functions with parametric input						
ELECTRONIC BLACKBOARD: FUNCTION	*COMPRESS*	AP	DE,GG,TU	- - - -	- - ● ● -	**50.00**
Graphs and explores functions from user-defined parameters						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
EQUATIONS I Practice solving equations of the form ax + b = c	*MIC WRKSHP*	AP,CO,IB,PE,TR	DP,TU	- - - -	- - ● ● -	29.95
EQUATIONS II Practice solving equations of the form ax + b = cx + d	*MIC WRKSHP*	AP,CO,IB,TR	DP,TU	- - - -	- - - ● -	29.95
EXPLORING TABLES AND GRAPHS I Introduces the use of graphs; includes a tool for constructing graphs from a given set of data	*WEEK READ*	AP	EG,GG,TU	E - - -	- ● ● ● -	34.95
EXPLORING TABLES AND GRAPHS II Real-life applications of tables and graphs: picture, bar, line, and area graphs	*WEEK READ*	AP	EG,GG,TU	D - - -	- ● ● ● -	34.95
FACTORING ALGEBRAIC EXPRESSIONS Instruction and practice in factoring linear and quadratic expressions	*MIC WRKSHP*	AP,CO,IB,TR	DP,TU	- - D -	- - - ● -	29.95
GRAPHING EQUATIONS Game format practice in graphing of linear and quadratic equations	*CONDUIT*	AP	DE,EG,PS	- - - -	- - ● ● -	60.00
GREEN GLOBS AND GRAPHING EQUATIONS Game format practice in graphing of linear and quadratic equations	*SUNBURST*	AP,IB	DP,EG,PS	- - E -	- - ● ● -	59.00
KING'S RULE, THE Form and test hypotheses, recognize numerical patterns, and develop problem-solving skills	*SUNBURST*	AP,CO,IB,TC,TR	EG,PS	- - E D	- ● ● ● -	59.00
MATHGRAPHER Demonstrates properties of functions and graphing concepts	*HRM SOFTWR*	AP,CO	TU	- - - -	- ● ● ● -	69.00
MISSION: ALGEBRA Practice solving linear equations generated automatically or based on points plotted by user	*DESIGNWARE*	AP,AT,CO,IB,JR	DP,SI	- - D -	- - - ● -	44.95
PROBLEM-SOLVING IN ALGEBRA Reading, translating, and solving word problems involving linear and quadratic equations	*BRITANNICA*	AP,TR	DP,TU	- - - -	- - ● ● -	299.00
QUATIONS Math game, based on *Scrabble*, for building equations rather than words	*SCHOLASTIC*	AP	DP,EG	- - D -	- - ● ● -	39.95
ROYAL RULES Presents mathematical sequences for students to deduce rules	*SUNBURST*	AP,IB	SI	- - - -	- - ● ● -	69.00
SOLVING QUADRATIC EQUATIONS Practice solving random quadratic equations by factoring	*CBS*	AP,CO,IB,JR	DP,TU	- - - -	- - ● ● -	29.95
SPINNERS AND SLUGS Explore a variety of problem-solving situations	*SCOTT FORS*	AP	PS,SI	- - D -	- ● ● - -	49.95
SUCCESS W/ALGEBRA: LINEAR EQUATIONS Step-by-step solving of randomly generated simultaneous linear equations	*CBS*	AP,CO,IB,JR	DP	- - - -	- - ● ● -	29.95
SUCCESS W/ALGEBRA: QUADRATIC EQUAT Step-by-step solving of randomly generated quadratic equations	*CBS*	AP,CO,IB,JR	DP	- - - -	- - ● ● -	29.95
TOBBS LEARNS ALGEBRA Problem-solving in number relationships using a 2-by-2 grid	*SUNBURST*	AP,TR	DP,SI	- - D -	- - ● ● -	59.00

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MATHEMATICS - GEOMETRY/MEASUREMENT

see also INSTRUCTIONAL TOOLS - INSTRUCTIONAL MATERIALS GENERATOR *section*

BUMBLE GAMES	*TLC*	AP,CO	DP,EG,PS	D - D -	● ● - - -	54.95
Five programs introduce use of number pairs to describe positions in an array and on a grid						
BUMBLE PLOT	*TLC*	AP,CO	DP,EG,PS	- - D -	- ● ● - -	54.95
Practice plotting and graphing skills on a +10 to -10 coordinate grid						
CREATIVITY UNLIMITED	*SUNBURST*	AP	CA	- - - - -	- - ● ● -	59.00
Develop flexible and original approaches to build, rotate, and expand objects						
EXPLORER METROS	*SUNBURST*	AP	DP,EG	- - D -	- ● ● ● -	59.00
Practice estimating metric measurements						
FACTORY, THE	*SUNBURST*	AP,AT,CO,IB,TC	EG,PS,SI	- - E -	- ● ● ● -	59.00
Practice visual discrimination, spatial perception, sequencing, and ordering skills						
GEOMETRIC PRESUPPOSER	*SUNBURST*	AP	CA	- - - - -	- - ● ● -	99.00
Experiment with and hypothesize about geometric concepts						
GEOMETRIC SUPPOSER: QUADRILATERALS	*SUNBURST*	AP	CA,DE,DP,PS	- - E -	- ● ● ● -	99.00
Experiment with and hypothesize about quadrilaterals						
GEOMETRIC SUPPOSER: TRIANGLES	*SUNBURST*	AP	CA,DE,GG,PS	- - E -	- - ● ● -	99.00
Experiment with and hypothesize about triangles						
GEOMETRY	*BRODERBUND*	MC	CA,TU	- - - - -	- - - ● -	99.95
Manipulate geometric figures to create proofs; full-year course						
GOLF CLASSIC/BATTLING BUGS	*MILLIKEN*	AP,IB,JR	DP,EG	- - D -	- ● ● - -	34.95
Practice with angles, length estimation, and reading graphic expressions						
RIGHT TURN, THE	*SUNBURST*	AP,CO,IB,JR	EG,PS	- - E -	- ● ● ● -	59.00
Rotate and flip figures on a three-dimensional grid						
STICKYBEAR SHAPES	*WEEK READ*	AP,AT,CO	DP,EG	- - - - -	● - - - -	39.95
Identify, choose, and name shapes; figure-ground relationships						
SUPER FACTORY, THE	*SUNBURST*	AP,IB,JR	CA,CP,PS,SI	- - E -	- ● ● ● -	59.00
Spatial geometry 3-D version of *The Factory* to experiment with designs on a cube						
TRAP-A-ZOID	*DESIGNWARE*	AP,AT,CO,IB,JR	DP,EG	- - D -	- ● ● ● -	39.95
Game format uses geometric concepts to trap Zoids from space; multiple skill levels						
VOYAGE MIMI: MAPS AND NAVIGATION	*HOLT R&W*	AP	EG,PS,SI,TU	- - E -	- ● ● ● ●	75.00
Apply mapping and navigational skills to rescue distressed whales						

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MATHEMATICS - NUMBER

see also INSTRUCTIONAL TOOLS - INSTRUCTIONAL MATERIALS GENERATOR *section*

ADDITION LOGICIAN Problems in a game format focus on whole number addition and regrouping	*MECC*	AP	DP	- - D -	● - - - -	49.00
ADDITION MAGICIAN A set of games to provide math practice in a problem-solving environment	*TLC*	AP,CO,IB	DP,EG,PS	- - D -	● ● - - -	34.95
ADVENTURES WITH FRACTIONS Introduces two methods of dealing with fractions, with games for practice	*MECC*	AP,CO	DP,TU	- - - - -	- ● ● - -	39.00
ARITH-MAGIC Three classic math puzzles	*QED*	AP,CO,IB,PE,TR	EG	- - - - -	● ● ● - -	35.00
CHALLENGE MATH Calculating and estimating with whole numbers and decimals in a game format; editing option	*SUNBURST*	AP,CO	DP,EG	- - D -	● ● ● - -	59.00
CHARLIE BROWN'S 1,2,3'S Animated practice in numbering and counting from 1 to 10	*RANDOM*	AP	DP	- - - - -	● - - - -	39.95
CIRCUS MATH Several levels of addition programs with graphics; editing option	*MECC*	AP	DP,EG	- - - - -	● - - - -	49.00
CLOCK Practice telling time and converting digital time to analog time	*HARTLEY*	AP,IB	DP	- - - - -	● - - - -	39.95
CLOCK WORKS Practice telling time using both analog and digital clocks	*MECC*	AP	DP	- - - - -	● - - - -	49.00
CODE QUEST Decode clues to discover objects or use the mini-author to create your own objects	*SUNBURST*	AP,AT,CO,IB,TR	EG,PS	- - - - -	- ● ● - -	59.00
COUNTERS Three games concretely provide 1-to-1 correspondence for counting, addition, and subtraction	*SUNBURST*	AP	DP,EG,TU	- - - - -	● - - - -	59.00
COUNTING Graphic introduction to counting, basic addition, and subtraction	*MICRO-ED*	AP,CO	DP,TU	- - - - -	● - - - -	34.95
COUNTING CRITTERS Practice with basic number skills using numbers from 1 to 20	*MECC*	AP	DP	- - - - -	● - - - -	49.00
EARLY ADDITION Graphic sequences for practice in simple addition facts; editing option	*MECC*	AP,AT	DP	- - - - -	● - - - -	49.00
EARLY GAMES FOR YOUNG CHILDREN Introduces shapes, letters, drawing, addition, and subtraction	*SPRINGBOARD*	AP,CO,IB,JR,MC	DP,EG	- - - - -	● - - - -	34.95
EJERCICIOS DE MATEMATICAS Spanish version of *MECC Elementary V.1: Math*	*MECC*	AP	DP,EG,PS	- - - - -	● ● - - -	39.00
ELEMENTARY V.1: MATH Includes *Hurkle*, *Bagels*, and *Taxman* programs; emphasizes logic and drill on basic facts	*MECC*	AP	DP,EG,PS,SI	- - - - -	● ● - - -	29.00

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ENCHANTED FOREST, THE	*SUNBURST*	AP,IB	EG,SI,TU	- - D -	- ● ● ● -	59.00
Explore the concepts of and, or, not; identify attributes of shape, color, and size						
FACT SHEETS	*HARTLEY*	AP	DP,IM	- - - -	● ● ● - ●	49.95
Produce worksheets on facts for the four basic arithmetic operations						
GEARS	*SUNBURST*	AP,IB,JR,TC	DP,EG,PS,SI	- - D -	- ● ● ● -	59.00
Predicting results and problem-solving with gears and rotations; scientific method						
GETTING READY TO READ AND ADD	*SUNBURST*	AP,AT,CO,IB,JR	DP,EG	- D - -	● - - - -	59.00
Drill in letter, number, and shape recognition						
GO TO THE HEAD OF THE CLASS	*MED MAT*	AP,IB,JR	EG	D - - -	- ● ● ● -	39.95
Players advance by giving correct answers to general knowledge questions						
INTEGERS	*JMH*	AP,CO	DP,TU	- - - -	- ● ● - -	49.95
Choose operands in addition or subtraction						
INTERPRETING GRAPHS	*CONDUIT*	AP	DE,DP,EG	- - D -	- ● ● ● -	45.00
Practice making meaningful interpretations of graphs of physical phenomena						
JUGGLES' RAINBOW	*TLC*	AP,CO	DP,EG	- - - -	● - - - -	44.95
Reinforce the concepts of left and right, above and below						
LEARNING ABOUT NUMBERS	*C & C SOFT*	AP	DP,EG	- - - -	● ● - - -	50.00
Practice and reinforcement for counting, simple time telling, and simple arithmetic						
MAGIC CASH REGISTER	*AVANT GARD*	AP	DP,SI	- - D -	● ● - - -	34.95
Cash register simulation helps students practice place value with decimals						
MASTERING MATH DIAGNOSTIC SYSTEM	*MECC*	AP	TE	- - - -	● - - - -	29.00
Determines student placement in *MECC Mastering Math* series						
MASTERING MATH WORKSHEET GENER	*MECC*	AP	DP,IM	- - - -	● - - - ●	39.00
Creates and prints worksheets						
MATH ACTIVITIES COURSEWARE LV. 1-8	*HOUGHTON*	AP	DP,EG	- - D -	● ● ● - -	1320.00*
Series of programs in a game format to reinforce skills in mathematics						
MATH ASSISTANT I-II	*SCHOLASTIC*	AP	DP,IM,TE	- - - -	● ● - - -	129.95*
Assessment tool to diagnose and improve math achievement; editing option						
MATH BLASTER	*DAVIDSON*	AP,AT,CO,IB,MC	DP,EG	- - D -	● ● - - -	49.95
Six hundred problems in the four basic arithmetic operations						
MATH CONCEPTS I-II	*HARTLEY*	AP,IB	DP	- - - -	● ● - - -	39.95*
Practice on concepts ranging from before/after to rounding decimals						
MATH MAZE	*DESIGNWARE*	AP,AT,CO,IB	EG	- - - -	● ● - - -	39.95
Practice basic math skills by maneuvering a fly through a maze						
MATH RABBIT	*TLC*	AP	DP,EG	- - - -	● - - - -	54.95
Practice early number concepts in a series of four games						

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MATH SEQUENCES, REVISED	*MILLIKEN*	AP,AT	DP	- - - -	● ● ● - -	495.00*
Number readiness and four arithmetic operations with integers, fractions, and decimals						
MATH SHOP	*SCHOLASTIC*	AP,IB	EG,SI	- - - -	- - ● - -	104.95
Help the proprietors with math problems: inventory, sales, etc.						
MATH WORKSHEET GENERATOR	*ED'L ACTV*	AP,TR	DP,IM	- - - -	● ● ● ● ●	59.95
Generate math problems at random using teacher-determined parameters						
MATH-TEMATIQUE LV. 3-6	*HOUGHTON*	AP	DP,EG	- - - -	● ● - - -	824.00*
French version of *Mathematics Activities Courseware Lv.3-6*						
MATH: SOLVING STORY PROBLEMS LV.3-8	*HOUGHTON*	AP,IB	DP,PS	- - - -	● ● ● - -	1746.00*
Presents Polya's problem-solving model and practice solving story problems						
MEANING OF FRACTIONS	*CAE*	AP	DE,DP,TU	- - - -	● ● - - -	44.95
Demonstrate fractions; students practice writing fractions from descriptions						
METEOR MISSION	*DLM*	AP	DP,EG,IM,SH	- - - -	● ● ● - -	44.00
Multiplication game; user can create new game content						
METEOR MULTIPLICATION	*DLM*	AC,AP,AT,CO,IB	DP,EG	- - - -	- ● - - -	44.00
Practice skills in multiplying whole numbers; arcade game format with variable speed						
MICROS FOR MICROS-ESTIMATION	*LAWR HALL*	AP	DP,EG	- - E -	● ● - - -	34.95
Three estimation activities allow students to make guesses and check their results						
MINUS MISSION	*DLM*	AC,AP,AT,CO,IB	DP,EG	- - - -	● ● - - -	44.00
Practice subtraction of whole numbers in arcade game format with variable speed						
MONEY	*GAMCO*	AP,CO,TR	DP,TU	- - - -	● ● - - -	54.95
Graphic presentations introduce and drill on money concepts						
MONEY! MONEY!	*HARTLEY*	AP	DP,TU	- - - -	● ● - - -	39.95
Instruction and practice in counting money and making change; editing option						
MONSTER MATH	*IBM*	IB	DP,EG	- - - -	● ● - - -	28.00
Correct answers to basic math problems cause a monster to disappear from the screen						
MULTIPLICATION PUZZLES	*MECC*	AP	DP	- - - -	● ● - - -	49.00
Drill on multiplication facts and regrouping						
NUMBER FARM	*DLM*	AP,CO,IB,JR	DP,EG	- - - -	● - - - -	29.95
Six musical games use animation to present and reinforce counting and number concepts						
NUMBER MUNCHERS	*MECC*	AP	DP,EG	- - - -	- ● ● ● -	49.00
Practice number concepts in a game format						
NUMBER STUMPER	*TLC*	AP,IB,JR	DP,EG	- - - -	● ● - - -	39.95
Practice addition and subtraction of whole numbers (1 - 12) in a game format						
PICTURE PARTS	*SCOTT FORS*	AP,AT	DP,EG	- - - -	● - - - -	29.95
Addition, subtraction, and multiplication practice with animated graphics and sound						

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PIECE OF CAKE MATH Five games set in a bakery; basic skills practice	*SPRINGBOARD*	AP,CO,IB	EG	- - - -	● ● - - -	29.95
POND, THE Problem-solving game involving pattern analysis	*SUNBURST*	AP,CO,IB,JR,TC	EG,PS	- - D -	● ● ● - -	59.00
PROBLEM-SOLVING COMP CRSWR LV. K-8 Problem-solving in an adventure game format	*MCGRAW HILL*	AP	EG,PS	- - - -	● ● ● - -	719.55*
PROBLEM-SOLVING STRATEGIES Two interactive tutorials introduce strategies of trial-and-error and exhaustive listing	*MECC*	AP	PS,TU	- - E -	- - ● ● -	49.00
PUZZLE TANKS Practice math and logic skills by filling a tank from a number of smaller tanks	*SUNBURST*	AP,CO,IB,JR,TR	EG,PS	- - E -	- ● ● ● -	59.00
QUOTIENT QUEST Drill on division facts with dividends of up to four digits	*MECC*	AP	DP	- - - -	- ● - - -	49.00
RATIO AND PROPORTION Step-by-step tutorial with graphic examples, reviews, and quizzes	*ED'L ACTV*	AP	DP,TU	- - - -	- ● ● ● -	59.95
RATIO AND PROPORTION Tutorial and practice in ratios and proportions	*IMH*	AP,CO	DP,TU	- - - -	- ● ● - -	49.95
READ AND SOLVE MATH PROBLEMS #1 Practice conversion of word problems to number problems	*ED'L ACTV*	AP,AT,CO,IB,TR	DP,TU	- - - -	- - ● ● -	99.95
READ AND SOLVE MATH PROBLEMS #2 Practice linear conversion of written problems to number problems	*ED'L ACTV*	AP,CO,IB,JR,TR	DP,TU	- - - -	- ● - - -	99.95
SALINA MATH GAMES Cover four operations with whole numbers, fractions, decimals, and percents	*ED'L ACTV*	AP,TR	DP,EG	- - - -	● ● ● ● -	159.00*
SEMCALC A tool to develop strategies for interpreting word problems in mathematics	*SUNBURST*	AP,TR	DP,PS,TU	- - E -	- - ● ● -	95.00
SOUTH DAKOTA User must employ math skills and critical thinking in a simulation of farm economics	*ED'L ACTV*	AP	PS,SI	D - - -	- ● ● ● -	63.00
SPACE SUBTRACTION Drill on subtraction facts and problems without regrouping	*MECC*	AP	DP,EG	- - - -	● - - - -	49.00
SPEEDWAY MATH Basic skills questions in a race car format	*MECC*	AP	DP	- - - -	● ● - - -	49.00
STAR MAZE Drill and practice on division of whole numbers	*SCOTT FORS*	AP,AT	DP,EG	- - D -	● ● - - -	29.95
STICKYBEAR MATH 1 Activities to introduce and reinforce basic math concepts and skills	*WEEK READ*	AP,CO,IB	DP,EG	- - - -	● - - - -	39.95
STICKYBEAR MATH 2 Practice in multiplication and division of whole numbers	*WEEK READ*	AP	DP	- - - -	● ● - - -	39.95

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
STICKYBEAR NUMBERS	*WEEK READ*	AP,AT,CO,IB	DP,EG	- - - - -	● - - - -	39.95
Simple Piagetian 1-to-1 correspondence presentation of numbers from 1 to 10						
SUBTRACTING DECIMALS	*MIC WRKSHP*	AP,AT,CO,IB,TR	DP	- - - - -	- ● ● - -	29.95
Practice subtraction with decimal numbers						
SUCCESS WITH MATH: MULT FRACTIONS	*CBS*	AP,CO,IB,JR	DP	- - - - -	- ● ● - -	29.95
Step-by-step practice in multiplying fractions						
SURROUNDING PATTERNS	*STRAWBERRY H*	AP,CO	CA,PS	- - - - -	● ● - - -	55.00
Develop shapes and patterns in different colors						
SURVIVAL MATH	*SUNBURST*	AP,CO,TR	DP,EG,PS,SI	- - - - -	- ● ● ● -	59.00
Includes *Hot Dog Stand*, an economic simulation of sales at a ball game						
SWEET SHOP	*DC HEATH*	AP,CO	DP,EG	- - - - -	● - - - -	45.00
Three games for single-digit addition, subtraction, and counting						
TEASERS BY TOBBS	*SUNBURST*	AP,CO,IB,TC,TR	DP,EG,PS	- - D - -	- ● ● ● -	59.00
Two programs to practice logical ways to solve addition and multiplication problems						
TEDDY'S PLAYGROUND	*SUNBURST*	AP	DP,EG	- - D - -	● - - - -	59.00
Practice in visual discrimination and analogies						
UNDERSTANDING WORD PROBLEMS	*SVE*	AP	DP,EG,TU	- - - - -	- ● - - -	239.00
Multi-media approach with filmstrips, skill sheets, and computer programs						
USING A CALENDAR	*HARTLEY*	AP	DP,TU	- - - - -	● ● - - -	39.95
Illustrations, information, and questions about calendars, months, and holidays						
VOYAGE MIMI: WHALES & ENVIRONMENT	*HOLT R&W*	AP	IE,PS,SI	- - - D -	- ● ● - -	370.50
Probe kit for measuring temperature, light, and sound; includes *Bank Street Lab*						
WHATSIT CORPORATION	*SUNBURST*	AP,CO,IB,TR	DP,EG,SI	- - D - -	- ● ● ● -	59.00
Students use math skills to make group decisions to operate competitive businesses						
WORDMATH 1-2	*MILLIKEN*	AP	DP,TU	- - - - -	- ● ● - -	295.00*
Instruction and practice in strategies for solving word problems						

MATHEMATICS - PROBLEM SOLVING

see PROBLEM SOLVING/LOGIC *section*

MUSIC

BANK STREET MUSICWRITER	*MINDSCAPE*	AP,AT,CO,IB,JR	CA	- - - - -	● - - - -	49.95
Create music and print a hard copy of the score						

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
DOREMI	*TEMPORAL*	AP	DP,TU	- - - -	- ● ● ● -	75.00
Training in aural identification of intervals of the major scales; requires DAC board						
HARMONIOUS DICTATOR	*TEMPORAL*	AP	DP	- - - -	- - - ● -	150.00
Practice recognition of chord progressions; requires DAC board						
JAZZ DICTATOR	*TEMPORAL*	AP	DP	- - - -	- ● ● ● ●	150.00
Practice aural identification of chord progressions in a jazz style; requires DAC board						
MAGIC PIANO	*EDUSOFT*	AP	CA,DP	- - - -	- ● ● ● -	49.95
Create original music; two drills on music concepts						
MODE DRILLS	*TEMPORAL*	AP	DP	- - - -	- ● ● ● -	70.00
Visual and aural drill on modes; requires DAC board						
MUSIC CARD MC1	*ALF PRODUCTS*	AP	CA	- - - -	● ● ● ● ●	75.00
Series of programs demonstrating the capabilities of the ALF music board; includes ALF board						
MUSIC CONSTRUCTION SET	*ELECTR ART*	AP,AT,CO,IB	CA	- - - -	● ● ● ● -	14.95
Use icons to create, edit, and record music; uses musical notation						
MUSIC FUNDAMENTALS: BEG MUSIC I	*SILVER*	AP	TU	- - - -	- ● ● ● -	39.95
Introduction to reading and playing melody						
MUSIC FUNDAMENTALS: BEG MUSIC III	*SILVER*	AP	TU	- - - -	- ● ● ● -	39.95
Instruction and practice in extending rhythm and melody skills						
MUSIC THEORY	*MECC*	AP	DP	- - - -	- ● ● ● -	49.00
Eighteen programs to drill on terms, notation, rhythm, pitch, chords, and scales						
MUSIC: PITCH	*MECC*	CO	DP	- - - -	- ● ● ● -	29.00
Drill on aural and visual recognition of intervals; compare audible and visual melodic patterns						
MUSIC: RHYTHM	*MECC*	CO	DP	- - - -	- ● ● ● -	29.00
Drill on rhythmic fundamentals; match audible and visual melodic patterns						
MUSIC: SCALES AND CHORDS	*MECC*	CO	DP	- - - -	- ● ● ● -	29.00
Drill on melody and harmony; recognize major and minor scales						
MUSIC: TERMS AND NOTATIONS	*MECC*	CO	DP	- - - -	- ● ● ● -	29.00
Drill on identifying musical symbols, enharmonic equivalents, and key signatures						
MUSICWORKS	*SPINNAKER*	MC	CA	- - - -	- ● ● ● ●	49.95
Create, play, and print musical scores						
NOTABLE PHANTOM	*DESIGNWARE*	AP,CO,IB,JR	EG	- - - -	- ● ● ● -	19.95
Arcade game based on piano notes						
POLYWRITER	*PASSPORT*	AP	CA	- - - -	- ● ● ● ●	299.95
Notes on a MIDI keyboard are translated into musical notation; can display, edit, and print						
PRACTICAL MUSIC THEORY	*ALFRED PUB*	AP,CO	DP	- - - -	- - ● ● -	199.95
Textbook, disk, and workbook designed to introduce basic music theory						

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
SEBASTIAN II	*TEMPORAL*	AP	EG	- - - -	- ● ● ● ●	125.00
Practice identifying errors between what is played and the musical score; requires DAC board						
SONGWRITER	*MINDSCAPE*	AP,AT,CO,IB	CA,DP	- - - -	- ● ● ● -	9.95
Compose and rewrite complicated melodies without using musical notation						
TONEY LISTENS TO MUSIC	*TEMPORAL*	AP	DE,DP,EG	- - - -	- ● ● ● -	90.00
Ten levels of discrimination: tunes, interval, tempo, rhythm, and notation; requires DAC board						

PRESCHOOL/EARLY CHILDHOOD

ALPHABET CIRCUS	*DLM*	AP,CO,IB,JR	DP,EG	- D - -	● - - - -	29.95
Six musical games introduce and reinforce letter recognition skills						
ASTRO GROVER	*CBS*	AP,CO	DP	- - - -	● - - - -	29.95
Practice with early number skills using Sesame Street characters						
BAKE AND TASTE	*MINDPLAY*	AP,IB	SI	- - - -	● ● ● ● -	39.99
Simulate the creation of baked goods and evaluate their quality						
BODY AWARENESS	*LEARN WELL*	AP	DP,EG,SH	- - - -	● ● ● ● -	49.95
Practice and reinforcement on position of body parts, picture/word match, and seasonal clothes						
CHARLIE BROWN'S ABC'S	*RANDOM*	AP,CO,IB	DP,EG	- - - -	● ● ● ● -	39.95
The Peanuts gang assists students in practicing the abc's						
CLOCK	*HARTLEY*	AP,IB	DP	- - - -	● - - - -	39.95
Practice telling time and converting digital time to analog time						
COMPARISON KITCHEN	*DLM*	AP	DP,EG	- - - -	● - - - -	29.95
Six games reinforce pre-reading and math skills of visual perception and discrimination						
COUNTERS	*SUNBURST*	AP	DP,EG,TU	- - - -	● - - - -	59.00
Three games provide 1-to-1 correspondence for counting, addition, and subtraction						
CREATURE CREATOR	*DESIGNWARE*	AP,AT,CO,IB	CA,EG,PS	- - D -	● - - - -	29.95
Select parts to create creatures and design dance sequences for them						
DINOSAURS	*ADV ID*	AP,CO,IB,JR	DP,EG	- D - D	● - - - -	34.95
Match, sort, or count dinosaurs visually or auditorily; covers habitats and feeding behavior						
EARLY GAMES FOR YOUNG CHILDREN	*SPRINGBOARD*	AP,CO,IB,JR,MC	DP,EG	- - - -	● - - - -	34.95
Introduce shapes, letters, drawing, addition, and subtraction						
EASY AS ABC	*SPRINGBOARD*	AP,CO,IB,JR	DP,EG	- D - -	● - - - -	39.95
Five games reinforce uppercase/lowercase letter recognition and alphabetical order						
FACEMAKER	*SPINNAKER*	AM,AP	CA,DP,EG	- - - -	● ● - - -	39.95
Encourage memory and creative skills by creating and remembering facial features						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
FIRST-LETTER FUN	*MECC*	AP	DP,EG	- - - -	● - - - -	49.00
Practice matching beginning sounds of words with the letters that make those sounds						
FISH SCALES	*DLM*	AP	DP,EG	- - - -	● - - - -	29.95
Six games to practice measurement skills with music and graphics						
FUN FROM A TO Z	*MECC*	AP	CA,EG	- - - -	● - - - -	49.00
Discriminate among letters and match uppercase/lowercase letters						
GERTRUDE'S PUZZLES	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● ● - -	59.95
Solve puzzles involving recognition of color and shape patterns						
GERTRUDE'S SECRETS	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● - - -	59.95
Develop critical thinking skills by finding patterns in shapes and colors						
GETTING READY TO READ AND ADD	*SUNBURST*	AP,AT,CO,IB,JR	DP,EG	- D - -	● - - - -	59.00
Drill in letter, number, and shape recognition						
HOW TO WEIGH AN ELEPHANT	*LRNG TECH*	AP,CO	DP,EG,PS	- - - -	● ● - - -	19.95
Games present concepts of weight/mass/volume, ordering/sequencing, and observation/prediction						
JUGGLES' RAINBOW	*TLC*	AP,CO	DP,EG	- - - -	● - - - -	44.95
Reinforce the concepts of left and right, above and below						
KINDER KONCEPTS	*MIDWEST*	AP,CO,PE	DP,EG	- D - -	● - - - -	99.00
Series of thirty programs covering math and reading readiness skills						
KINDERCOMP	*SPINNAKER*	AP	DP,EG	- - - -	● ● ● ● -	39.95
Six games to help prepare children to read, spell, and count						
LEARNING ABOUT NUMBERS	*C & C SOFT*	AP	DP,EG	- - - -	● ● - - -	50.00
Practice and reinforcement for counting, simple time telling, and simple arithmetic						
LETTERS AND FIRST WORDS	*C & C SOFT*	AP	DP,EG	- - - -	● - - - -	60.00
Introduce letter recognition skills and short words; reinforce basic language skills						
LETTERS AND WORDS	*LEARN WELL*	AP,IB,JR	DP,EG,TU	- D - -	● - - - -	49.95
Three games: alphabetizing, letter matches, sight words; editing option						
MEMORY CASTLE	*SUNBURST*	AP,CO,IB,JR,TC	EG,PS	- - D -	- ● ● ● -	59.00
Knight must complete a mission by remembering and performing tasks from a growing list						
MEMORY MATCH	*HARTLEY*	AP,IB	DP,EG	- D - -	● - - - -	39.95
Concentration-type game to enhance memory skills						
MEMORY: A FIRST STEP	*SUNBURST*	AP,IB,JR	DP,PS	- - - -	● ● - - -	250.00*
Ten programs to practice problem-solving skills; computer and non-computer activities						
MICROS FOR MICROS-ESTIMATION	*LAWR HALL*	AP	DP,EG	- - E -	● ● - - -	34.95
Three estimation activities allow students to make guesses and check their results						
MOPTOWN PARADE	*TLC*	AP,CO,IB	EG,PS	- - D -	● ● ● - -	54.95
Seven games to practice logical thinking, strategy development, and pattern recognition						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
MUPPET WORD BOOK, THE	*SUNBURST*	AP	EG	- - - -	● - - - -	59.00
Word concepts using Sesame Street characters, mouse, touch-window, or *Muppet Learning Keys*						
MUPPETS ON STAGE	*SUNBURST*	AP,CO,JR	CA,DP,EG	- - - -	● - - - -	59.00
Three programs to reinforce letter, number, and color recognition; comes with *Muppet Learning Keys*						
NUMBER FARM	*DLM*	AP,CO,IB,JR	DP,EG	- - - -	● - - - -	29.95
Six games use music and animation to reinforce counting and number concepts						
PAINT WITH WORDS	*MECC*	AP	CA,EG	- - - -	● - - - -	49.00
Vocabulary development; displays words chosen by students; optional Ufonics system						
PICTURE PARTS	*SCOTT FORS*	AP,AT	DP,EG	- - - -	● - - - -	29.95
Addition, subtraction, and multiplication practice with animated graphics and sound						
PIECE OF CAKE MATH	*SPRINGBOARD*	AP,CO,IB	DP,EG	- - - -	● ● - - -	29.95
Five games drill students on addition, subtraction, multiplication, and division						
RIGHT OF WAY	*MECC*	AP	DP,EG	- - - -	● - - - -	39.00
A friendly monkey provides practice in telling right from left						
STICKERS	*SPRINGBOARD*	AP,CO,IB	EG	- - - -	● ● ● ● -	34.95
One hundred sticker pictures help students to distinguish and use shapes						
STICKYBEAR ABC	*WEEK READ*	AP,AT,CO	DP,EG	- - - -	● - - - -	39.95
Three games: identification, order, and matching; with graphics and sound						
STICKYBEAR NUMBERS	*WEEK READ*	AP,AT,CO,IB	DP,EG	- - - -	● - - - -	39.95
Simple Piagetian 1-to-1 correspondence presentation of numbers from 1 to 10						
STICKYBEAR OPPOSITES	*WEEK READ*	AP,AT,CO	DP,EG,PS	- D - -	● - - - -	39.95
Display and practice to reinforce concepts of full/empty, up/down, in front of/behind						
STICKYBEAR PRINTER	*WEEK READ*	AP	CA	- - - -	● ● ● - -	39.95
Allows printing in various formats on both monochrome and color printers						
STICKYBEAR READING	*WEEK READ*	AP,CO,IB	DP,EG	- D - -	● - - - -	39.95
Animated activities introduce and reinforce early reading skills						
STICKYBEAR SHAPES	*WEEK READ*	AP,AT,CO	DP,EG	- - - -	● - - - -	39.95
Name, choose, and find shapes in three animated activities						
STICKYBEAR TOWN BUILDER	*WEEK READ*	AP,CO	EG,SI	D - - -	● ● - - -	39.95
Map skills including compass reading, directions, map reading, and positioning						
TONEY LISTENS TO MUSIC	*TEMPORAL*	AP	DE,DP,EG	- - - -	- ● ● ● -	90.00
Ten levels of discrimination: tunes, interval, tempo, rhythm, and notation; requires DAC board						
TONK IN THE LAND OF BUDDY-BOTS	*MINDSCAPE*	AP,AT,CO,IB,JR	EG,PS	- - - -	● ● - - -	29.95
Practice visual discrimination of shapes and patterns						
WHO, WHAT, WHERE, WHEN, WHY	*HARTLEY*	AP,IB	DP	- D - -	● ● - - -	35.95
Distinguish among words and their concepts; editing option						

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WORD SPINNER	*TLC*	AP,CO,IB	DP,EG	- D - -	● - - - -	34.95
Word-building game that increases in speed as user's skill develops; editing option						
ZANDAR THE WIZARD	*SVE*	AP	EG,PS	- - - -	● ● - - -	99.00
Game to practice critical thinking and deductive reasoning skills						

PROBLEM SOLVING/LOGIC

ADVENTURE CONSTRUCTION SET	*ELECTR ART*	AM,AP,CO	CA,PS	- - - - -	- ● ● ● -	49.95
Students write and illustrate their own adventure games						
AGENT U.S.A.	*SCHOLASTIC*	AP,AT,CO,IB	EG,PS,SI	- - - - -	- ● ● ● -	39.95
Use map skills in simulated spy mission across the U.S.A.						
ALL SORTS OF MEGGLES	*JOSTENS*	AP	DP,PS	- D - -	● ● - - -	149.00
Practice in decision-making skills; testing and record keeping; requires Ufonic system						
ARROW DYNAMICS	*SUNBURST*	AP	EG,PS	- - - - -	- ● ● - -	59.00
Logic game to practice logical thought and strategy formation						
BAFFLES	*CONDUIT*	AP	EG,PS,SI	- - - - -	- - ● ● -	50.00
Locate hidden baffles by observing how they reflect light rays						
BUMBLE GAMES	*TLC*	AP,CO	DP,EG,PS	D - D -	● ● - - -	54.95
Introduces use of number pairs to describe positions in an array and on a grid						
BUMBLE PLOT	*TLC*	AP,CO	DP,EG,PS	- - D -	- ● ● - -	54.95
Practice plotting and graphing skills, from +10 to -10 on coordinate grid						
CAR BUILDER	*WEEK READ*	AP	PS,SI	- - - - -	- ● ● ● -	39.95
Allows students to design and redesign cars for different purposes						
CHALLENGE MATH	*SUNBURST*	AP,CO	DP,EG	- - D -	● ● ● - -	59.00
Calculating and estimating with whole numbers and decimals in a game format						
CHIPWITS	*BRAINPOWER*	AP,MC	CP,PS,SI	- - - - -	- - ● ● -	39.95
Programming language allows students to train a robot to work in different environments						
CODE QUEST	*SUNBURST*	AP,AT,CO,IB,TR	EG,PS	- - - - -	- ● ● - -	59.00
Decode clues to discover objects; use the mini-author to create your own objects						
CREATIVE CONTRAPTIONS	*BANTAM*	AP,CO,IB	EG,PS	- - - D	● ● ● - -	39.95
Design and troubleshoot Rube-Goldberg contraptions by applying problem-solving techniques						
DINOSAURS AND SQUIDS	*SCOTT FORS*	AP	EG,PS	- - E -	- ● ● - -	49.95
Strategies for solving problems involving two variables						
DISCOVERY LAB	*MECC*	AP	PS,SI	- - - D	- ● ● ● -	49.00
Design and conduct experiments to find the best environmental conditions for aliens						

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DISCRIMINATION ATTRIBUTES AND RULES	*SUNBURST*	AP	EG,PS	- - - -	● ● ● - -	225.00*
Multi-disk set presents discrimination as part of the problem-solving process						
DRAGON'S KEEP	*SIERRA*	AP,CO	EG	- - - -	● ● - - -	29.95
Simple problem-solving adventure to improve thinking skills						
ENCHANTED FOREST, THE	*SUNBURST*	AP,IB	EG,SI,TU	- - D -	- ● ● ● -	59.00
Identify attributes of shape, color, and size to reinforce concepts: and, or, not						
EXPLORING TABLES AND GRAPHS I	*WEEK READ*	AP	EG,GG,TU	E - - -	- ● ● ● -	34.95
Introduces the use of graphs; includes tool for constructing graphs from a given set of data						
EXPLORING TABLES AND GRAPHS II	*WEEK READ*	AP	EG,GG,TU	D - - -	- ● ● ● -	34.95
Real-life applications of tables and graphs: picture, bar, line, and area graphs						
EZ LOGO	*MECC*	AP	CP,PS,TU	- - - -	● ● - - -	49.00
Two programs introduce a subset of Logo commands; separate Logo not required						
FACTORY, THE	*SUNBURST*	AP,AT,CO,IB,TC	EG,PS,SI	- - E -	- ● ● ● -	59.00
Visual discrimination, spatial perception, and logic skills; develop sequence and order skills						
FRIENDLY COMPUTER, THE	*MECC*	AP,CO,IB	CP,PS,TU	- - - -	● - - - -	49.00
Sequence of five graded programs to introduce the computer and keyboard						
FUN HOUSE MAZE	*SUNBURST*	AP	EG,PS	- - D -	- ● ● ● -	59.00
Practice in pattern recognition and identifying multiple solutions with 3-dimensional mazes						
GAME SHOW, THE	*ADV ID*	AP,CO,IB,JR	EG,IM,SH	- D - -	● ● ● ● ●	39.95
Password format game; users may add their own subjects and words						
GEARS	*SUNBURST*	AP,IB,JR,TC	DP,EG,PS,SI	- - D -	- ● ● ● -	59.00
Problem-solving within a structure of gears and rotations; predicting results; scientific method						
GERTRUDE'S PUZZLES	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● ● - -	59.95
Students solve puzzles involving recognition of color and shape patterns						
GERTRUDE'S SECRETS	*TLC*	AP,CO,IB	EG,PS	- - E -	● ● - - -	59.95
Students explore critical thinking skills as they find patterns in shapes and colors						
GLIDEPATH	*HRM SOFTWR*	AP	EG,SI	- - - -	- - ● ● -	59.00
Simulates flight of glider over imaginary terrain						
GNEE OR NOT GNEE	*SUNBURST*	AP,CO,IB,TC	EG,PS	- - - -	● ● - - -	59.00
Game to develop visual discrimination and rule formation based on attributes						
GRIMBLE PROCESS, THE	*JOSTENS*	AP	EG,PS,TU	- - - -	● ● - - -	149.00
Game with speech capability to reinforce logical thinking and programming skills; requires Ufonic system						
HIGH WIRE LOGIC	*SUNBURST*	AP,IB,JR	EG,PS	- - E -	- ● ● ● -	59.00
Language-based critical thinking game for developing Boolean logic skills						
HOT DOG STAND	*SUNBURST*	IB,JR,TC	EG,SI	D - - -	● ● ● - -	59.00
Economic simulation of operating a hot dog stand at a football game						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
HOW TO WEIGH AN ELEPHANT	*LRNG TECH*	AP,CO	DP,EG,PS	- - - -	● ● - - -	19.95
Game approach to concepts of weight/mass/volume, ordering/sequencing, and observation/prediction						
IGGY'S GNEES	*SUNBURST*	AP,CO	PS	- - - -	● ● - - -	59.00
Practice discrimination strategies to solve increasingly complex problems						
INCREDIBLE LABORATORY, THE	*SUNBURST*	AP,AT,CO,IB,TC	EG,PS,SI	- - D D	- ● ● ● -	59.00
Design experiments to determine the combination of chemicals needed to produce each monster						
JACK AND THE BEANSTALK	*HRM SOFTWR*	AP	PS	- D - -	● ● ● - -	49.00
Use the original folktale to practice skills in planning, deductive reasoning, and sequencing						
JUGGLES' RAINBOW	*TLC*	AP,CO	DP,EG	- - - -	● - - - -	44.95
Reinforces the concepts of left and right, above and below						
KERMIT'S ELECTRONIC STORYMAKER	*SIMON & SCHU*	AP,CO	DP	- D - -	● - - - -	34.95
Users create stories with Muppets as characters; develop vocabulary and sentence structure						
KING'S RULE, THE	*SUNBURST*	AP,CO,IB,TC,TR	EG,PS	- - E D	- ● ● ● -	59.00
Form hypotheses, recognize numerical patterns, and test logic skills						
LEARNING THROUGH LOGO	*SUNBURST*	AP	CP,PS	- - - -	- ● ● ● -	55.00
Beginning Logo commands and procedures; activity cards; requires *Apple Logo*						
LOGIC BUILDERS	*SCHOLASTIC*	AP,CO	PS	- - D -	- ● ● ● -	39.95
Series of challenges to improve memory skills						
MEMORY CASTLE	*SUNBURST*	AP,CO,IB,JR,TC	EG,PS	- - D -	- ● ● ● -	59.00
A knight must remember and perform an increasing list of tasks to complete a mission						
MEMORY: A FIRST STEP	*SUNBURST*	AP,IB,JR	DP,PS	- - - -	● ● - - -	250.00*
Puppet defines and introduces sequential problem-solving skills; includes non-computer activities						
MIND PUZZLES	*MECC*	AP	PS,SI	- - D -	- - ● ● -	49.00
A set of graduated puzzles and tools to practice problem-solving strategies						
MINDSTRETCHER SERIES	*ISL SOFTWR*	AP,CO,PE	EG,PS	- - - -	- ● ● ● -	100.00*
Ten logic puzzles in game formats; for one or more players						
MIRRORS ON THE MIND-INTRO TO PROGR	*ADD WES*	AP	CP	- - D -	- ● ● ● -	49.95
Uses Logo-like language to provide experience with a programming language						
MIRRORS ON THE MIND-STATISTICS	*ADD WES*	AP	DE,PS	- - D -	- ● ● ● -	49.95
For estimating mean and standard deviation, correlation coefficient from graph or plot						
MIRRORS ON THE MIND-STRATEGIES	*ADD WES*	AP	EG,PS	- - E -	- ● ● ● -	49.95
Probabilistic games for users to define strategies, test hypotheses, and refine conjectures						
MOPTOWN HOTEL	*TLC*	AP,CO,IB	EG,PS	- - D -	- ● ● ● -	54.95
Users identify attribute patterns of Bibbets and Gribbets in this competitive logic game						
MOPTOWN PARADE	*TLC*	AP,CO,IB	EG,PS	- - D -	● ● ● - -	54.95
Seven games to practice logical thinking, strategy development, and pattern recognition						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
ODD ONE OUT Practice in classification skills; color graphics, animation, and sound	*SUNBURST*	AP,CO	EG,PS	- - - - -	● ● - - -	59.00
PINBALL CONSTRUCTION SET Design and construct pinball games by manipulating components on the screen	*ELECTR ART*	AP,AT,CO,IB,MC	AU,EG	- - - - -	- ● ● ● -	14.95
PLANETARY CONSTRUCTION SET Two activities have students experiment, explore, and create planets for specific life forms	*SUNBURST*	AP,IB	EG,PS	- - - D	- - ● ● -	59.00
POND, THE Problem-solving game involving pattern analysis	*SUNBURST*	AP,CO,IB,JR,TC	EG,PS	- - D -	● ● ● - -	59.00
PROBLEM-SOLVING STRATEGIES Strategies of trial and error, exhaustive listing, and problem-solving	*MECC*	AP	PS,TU	- - E -	- - ● ● -	49.00
PUZZLE TANKS Practice math and logic skills by filling a tank from a number of smaller tanks	*SUNBURST*	AP,CO,IB,JR,TR	EG,PS	- - E -	- ● ● ● -	59.00
RIGHT TURN, THE Rotate and flip figures on a three-dimensional grid	*SUNBURST*	AP,CO,IB,JR	EG,PS	- - E -	- ● ● ● -	59.00
ROBOT ODYSSEY Design a robot to escape from a maze; use wires, logic gates, and circuit chips	*TLC*	AP,IB	CA,CP,EG,PS	- - E D	- ● ● ● -	49.95
ROBOT PROBE Land on a strange planet; then use simple commands to program a robot to pick up four probes	*SUNBURST*	TR	CP,EG,PS,SI	- - D -	● ● ● - -	59.00
ROCKY'S BOOTS Design circuit to recognize specific attributes; uses and, not, or, flip-flop gates	*TLC*	AP,CO,IB	EG,PS,SI,TU	- - E D	- ● ● ● -	64.95
ROYAL RULES Form and test hypotheses, recognize numerical patterns, and develop problem-solving skills	*SUNBURST*	AP,IB	PS	- - - - -	- ● ● ● -	69.00
SAFARI SEARCH Improve problem-solving and inference skills through a series of challenging activities	*SUNBURST*	AP,IB	EG,PS	- - E -	- ● ● ● -	59.00
SEMCALC Tool to develop strategies for interpreting word problems in mathematics	*SUNBURST*	AP,TR	DP,PS,TU	- - E -	- - ● ● -	95.00
SPECTRUM: PATTERNS AND PROGRAMS Logic game using hidden pattern of colored bars; introduces fundamental programming skills	*SUNBURST*	AP	EG,PS	- - D -	- - ● ● -	59.00
STICKYBEAR OPPOSITES Concepts of full/empty, up/down, in front of/behind	*WEEK READ*	AP,AT,CO	DP,EG,PS	- D - -	● - - - -	39.95
STICKYBEAR SHAPES Identifying, choosing, and naming shapes; figure-ground relationships	*WEEK READ*	AP,AT,CO	DP,EG	- - - - -	● - - - -	39.95
STICKYBEAR TOWN BUILDER Practice map skills while building up to twenty towns	*WEEK READ*	AP,CO	DP,EG	D - - -	● - - - -	39.95
STORY TREE Three interactive stories, with word processor for creating original branching stories	*SCHOLASTIC*	AP,CO,IB	CA,SH,WP	- D - -	● ● ● ● -	59.95

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SUPER FACTORY, THE	*SUNBURST*	AP,IB,JR	CA,CP,PS,SI	- - E -	- ● ● ● -	59.00
3-D spatial geometry program version of *The Factory* to experiment with designs on a cube						
TEASERS BY TOBBS	*SUNBURST*	AP,CO,IB,TC,TR	DP,EG,PS	- - D -	- ● ● ● -	59.00
Two programs to practice logical ways to solve addition and multiplication problems						
TEN CLUES	*SUNBURST*	AP	PS,SH	E - - -	- ● ● ● -	59.00
Mini-authoring program stressing critical vs. variable attributes						
TIC TAC SHOW	*ADV ID*	AP,CO,IB,JR	AU,EG,IM,SH	- D - -	● ● ● ● -	39.95
Mini-authoring system allows teachers or students to develop Hollywood squares games						
TIP 'N FLIP	*SUNBURST*	AP,IB	EG,PS	- - E -	- ● ● ● -	59.00
Discrimination skills: similarities and differences in patterns and orientations						
TK! SOLVER	*UNIVERSAL*	AP,IB,JR,MC	PS	- - - -	- - - ● ●	200.00
Formula processor/tool for technical and scientific applications						
TONK IN THE LAND OF BUDDY-BOTS	*MINDSCAPE*	AP,AT,CO,IB,JR	EG,PS	- - - -	● ● - - -	29.95
Practice discrimination of patterns, noting similarities and differences						
TRADING POST	*SUNBURST*	AP,CO,IB,JR,TC	EG,PS	- - D -	● ● ● - -	59.00
Game for two students to reinforce visual discrimination, rule formation, analysis, and planning						
TREASURE HUNTER	*GROLIER*	AP	EG,PS	D D - -	- ● ● - -	54.95
Practice encyclopedic reference skills using both paper and computer format						
TRIBBLES	*CONDUIT*	AP	EG,PS,SI,TU	- - - -	- - - ● -	40.00
A problem-solving tutorial and simulation to introduce the scientific method						
TRIVIA MACHINE	*MECC*	AP	DB,EG,PS,SI	- - - -	- ● ● ● -	49.00
Trivia game helps to develop data base thinking skills and keyword searching skills						
VIDEOWORKS	*SPINNAKER*	MC	CA,GG	- - - -	- ● ● ● ●	99.95
Enables user to draw and animate objects to create films; full editing by frame						
WHAT'S MY LOGIC	*MIDWEST*	AP,CO	EG,PS	- - D -	- - ● ● -	49.95
Game practice in pattern recognition						
WHATSIT CORPORATION	*SUNBURST*	AP,CO,IB,TR	DP,EG,SI	- - D -	- ● ● ● -	59.00
Use math skills to make group decisions to operate competitive businesses						
WHERE IN USA IS CARMEN SAN DIEGO	*BRODERBUND*	AP	EG,SI	- - - -	- ● ● ● -	44.95
Using *Fodor's Guide to the USA*, students search the U.S.A. to solve a crime and capture the criminal						
WHERE IN WORLD IS CARMEN SAN DIEGO	*BRODERBUND*	AP,CO,IB	EG,SI	D - - -	- ● ● - -	39.95
Using *The World Almanac*, students search the world to solve a crime and capture the criminal						
WILDERNESS: SURVIVAL ADVENTURE	*ELECTR TRANS*	AP,IB	EG,PS	- - - -	- ● ● ● -	50.00
Students role play air crash survivor in wilderness setting						
WIZARDRY: PROVING GROUNDS	*SIRI-TECH*	AP,IB,JR	EG,PS	- - - -	- - ● ● -	49.95
Train the explorers you take on this graphics adventure game; many difficulty levels						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
WRITING ADVENTURE	*DLM*	AP,CO	CA,WP	- - - -	● ● ● - -	59.95
Students write and edit their own stories; proofreading feature checks for common errors						
ZANDAR III & IV: IN SEARCH	*SVE*	AP	EG,PS	- - E -	● ● - - -	99.00*
Game to improve critical thinking and deductive reasoning skills						
ZANDAR THE WIZARD	*SVE*	AP	EG,PS	- - - -	● ● - - -	99.00
Game to improve critical thinking and deductive reasoning skills						
ZORK I & II	*INFOCOM*	AP,AT,CO,IB,TC	EG,PS	- - - -	- ● ● ● -	44.95*
Text-only adventure games that require reading, mapping, and problem-solving skills						

SCIENCE - ASTRONOMY

HALLEY PROJECT, THE	*MINDSCAPE*	AM,AP,AT,CO	EG,SI	- - - D	- - ● ● -	49.95
Simulation of the solar system enables students to explore and research astronomy						
OBSERVATORY	*CBS*	AP	DE	- - - D	- - ● ● -	195.00
Demonstrate the locations of celestial objects, their movement, and the interactions among them						
PLANETARY CONSTRUCTION SET	*SUNBURST*	AP,IB	EG,PS	- - - D	- - ● ● -	59.00
Two activities have students experiment, explore, and create planets for specific life forms						
SKY LAB	*MECC*	AP	DE,SI,TU	- - - E	- ● ● - -	49.00
Simulate the motion of the sun, constellations, and planets relative to the earth						
SKY TRAVEL	*COMMODORE*	CO	DB,DE,SI	- - - D	- - - ● -	29.95
Present planetarium-type sky displays for any longitude, latitude, time, and date						

SCIENCE - BIOLOGY

BIRDBREED	*EDUTECH*	AP	SI	- - - D	- - - ● -	95.00
Explore genetic principles for sixteen breeding groups of birds of defined phenotypes						
BODY AWARENESS	*LEARN WELL*	AP	DP,EG	- - - -	● ● ● - -	49.95
Practice and reinforcement on position of body parts, picture/word match, and clothing						
BODY IN FOCUS	*CBS*	AP,CO,IB	DP,SI,TU	- - - -	- ● ● ● -	49.95
Animated display of human body parts and their functions; uses keyboard overlay						
BODY TRANSPARENT	*DESIGNWARE*	AP,CO,IB,JR	DP	- - - E	- ● ● ● -	44.95
Three activities on human body parts, function, and placement						
BOTANICAL GARDENS	*SUNBURST*	AP	PS,SI	- - - -	- ● ● ● -	59.00
Simulate growing plants by controlling temperature, light, water, and food						
CATGEN	*CONDUIT*	AP,IB	SI	- - - -	- - - ● -	75.00
Genetics simulation to mate domestic cats of same genotype						

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CATLAB	*CONDUIT*	AP	SI	- - - -	- - - ● -	75.00
Genetic simulation to mate domestic cats selected by coat color and pattern						
CELL GROWTH AND MITOSIS	*IBM*	IB	TU	- - - -	- - - ● -	69.95
Demonstrate cell division, chromosome replication, cytoplasmic division; graph analysis and testing						
CHEMICALS OF LIFE I: STRUCTURE	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Interactive presentation of Bohr model of the atom, energy levels, ions, and ionic bonding						
CHEMICALS OF LIFE II: WATER, CARB	*IBM*	IB	TU	- - - -	- - - ● -	52.00
The role of water and inorganic chemicals, lipids, and proteins in physiology						
CLASSIFICATION OF LIVING THINGS	*ED'L ACTV*	AP	DB,TU	- - - D	- - ● ● -	59.95
Binomial nomenclature and scientific names used for classification						
DINOSAUR DAYS	*TYC*	AP	TU	- - - D	● ● - - -	39.95
History, physical characteristics, and habitats of dinosaurs						
ENZKIN	*CONDUIT*	AP	PS,SI,TU	- - - D	- - - ● -	45.00
Simulated enzyme-catalyzed reactions						
FOOD FACTS	*MECC*	AP,CO	DB	- - - D	- ● ● - -	29.00
Gives nutritional value of foods, including sugar content, vitamins, and eight nutrients						
HEALTH AWARENESS GAMES	*HRM SOFTWR*	AP,CO,IB,JR,TR	DE,EG	- - - D	- - - ● -	99.00
Risk factors and longevity for a variety of behaviors						
HEART SIMULATOR	*FOCUS*	AP	SI,TU	- - - D	- - ● ● -	49.00
Color graphics and animation depict blood flowing through the beating heart						
HEREDITY DOG	*HRM SOFTWR*	AP,CO	SI	- - - D	- - - ● -	59.00
Simulate the effects of coat color and pattern on breeding dogs						
HUMAN GENETIC DISORDERS	*HRM SOFTWR*	AP	DB,SI	- - - D	- - - ● -	69.00
Explore the inheritance patterns of twenty-four known disorders						
HUMAN LIFE PROCESSES I: CELL PHYSIO	*IBM*	IB	TU	- - - -	- - - ● -	69.95
Review cellular structure and function, oxidation, reduction, and respiration						
HUMAN LIFE PROCESSES III: DEV,DIFF	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Review gamete fertilization, embryonic differentiation, and human development						
LIFE SCIENCE DATA BASE	*SCHOLASTIC*	AP	DB	- - - D	- ● ● ● -	99.95
Data files for *PFS: File* covering bird migration, animals, flowers, and drugs						
LIGHT, PLANTS, AND PHOTOSYNTHESIS	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Explore light as energy and the characteristics of light used by chloroplasts in photosynthesis						
MICRO GARDENER	*ED'L ACTV*	AP	PS,SI	- - - D	- ● ● - -	59.95
Grow a plant by controlling the variables of light, water, temperature, and food						
OH, DEER!	*MECC*	AP	PS,SI,TU	D - - D	- ● ● - -	39.00
Simulate the five-year management of a large herd of deer in a suburban community						

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OSMOTIC PRESSURE	*CONDUIT*	AP	SI,TU	- - - D	- - - ● -	50.00
Demonstrate principles of osmosis with an animated molecular model						
PATHOLOGY: DISEASES AND DEFENSES	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Describes infectious pathogens, causes of noninfectious diseases, body defense, and immunity						
REGULATION AND HOMEOSTASIS	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Introduces the homeostatic regulation of human metabolism						
VOYAGE MIMI: ECOSYSTEMS	*HOLT R&W*	AP	PS,SI	- - - E	- ● ● - -	75.00
Keep humans alive on an island by selecting food web from land, plant, and animal species						
VOYAGE MIMI: WHALES & ENVIRONMENT	*HOLT R&W*	AP	IE,PS,SI	- - - D	- ● ● - -	370.50
Probe kit to measure temperature, light, and sound; includes *Bank Street Lab*						
WATER POLLUTION	*EME*	AP,IB,TR	SI,TU	- - - D	- - - ● -	35.00
Examine the effect of water pollutants on aquatic life in varied environments						

SCIENCE - CHEMISTRY

CHEM LAB SIMULATIONS 1	*HIGH TECH*	AP,AT	SI	- - - D	- - - ● -	100.00
An acid-base titration simulation to determine endpoint, volume, and concentration						
CHEM LAB SIMULATIONS 2	*HIGH TECH*	AP	SI	- - - E	- - - ● -	100.00
Ideal gas law and entropy simulations						
CHEMICAL NOMENCLATURE/BAL EQUAT	*BERGWALL*	AP	DP,TU	- - - -	- - - ● -	59.00
Symbols, oxidation charts, formula naming and writing, and balancing equations						
CHEMICALS OF LIFE I: STRUCTURE	*IBM*	IB	TU	- - - -	- - - ● -	52.00
Interactive presentation of Bohr model of the atom, energy levels, ions, and ionic bonding						
EXPERIMENTS IN CHEMISTRY	*HRM SOFTWR*	AP,IB	DE,IF	- - - -	- - - ● -	349.00
Lab interface and probes for measuring temperature, EMF, and ph/mv; includes experiments						
HABER: AMMONIA SYNTHESIS	*CONDUIT*	AP	SI	- - - D	- - - ● -	45.00
Simulation of Haber's process for commercially producing ammonia						
INTRO TO GENERAL CHEMISTRY	*COMPRESS*	AP	DP,TU	- - - D	- - ● ● -	590.00*
A series of ten supplementary computer activities for an introductory chemistry course						
MODELER: MOLECULAR DESIGN EDITOR	*COMPRESS*	AP	PS,SI	- - - -	- - - ● -	75.00
Entry of valid Lewis structure allows student to see and rotate a 3-dimensional molecular model						
MOLEC: MOLECULAR MODELING	*COMPRESS*	AP	PS,SI	- - - -	- - - ● -	149.95
Create, edit, display, and manipulate three-dimensional molecular models						
PERIODIC TABLE: COMPUTER ASSISTED	*COMPRESS*	AP	PS,SI	- - - -	- - - ● -	50.00
Two demonstration programs represent and graph periodic properties of the elements						

TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE

SCIENCE - EARTH SCIENCE

FORECAST	*CBS*	AP,CO,IB,JR	DB,PS,SI	- - - - -	- ● ● - -	59.95
Make forecasts using a data base of weather information for the U.S.A.						
GEOWORLD	*TOM SNYDER*	AP	DB,PS,SI	- - - - -	- ● ● ● -	79.95
Simulate mining operations for selected minerals in various locations around the globe						
GROUND WATER	*IBM*	IB	TU	- - - - -	- - - ● -	44.00
Explore relationships among groundwater, the environment, and people						
HYDROLOGIC CYCLE	*IBM*	IB	TU	- - - - -	- - - ● -	44.00
Examine the hydrologic cycle and the human impact on it						
MOISTURE IN THE ATMOSPHERE	*IBM*	IB	TU	- - - - -	- - - ● -	44.00
Interactive tutorial examines the process and impact of moisture on the earth						
SURFACE WATER	*IBM*	IB	TU	- - - - -	- - - ● -	44.00
Examine the relationships among water, earth, and erosion						
TIME AND SEASONS	*RAND MCNLY*	AP,AT	DP,SI,TU	- - - D	- - ● ● -	111.00
Explore meridian, time zones, rotation, seasons, and length of day						
VOLCANOES	*EARTHWARE*	AP	PS,SI	- - - D	- - ● ● -	49.50
Use research data to predict the eruption of a volcano						

SCIENCE - ENVIRONMENTAL EDUCATION/ECOLOGY

AIR POLLUTION	*EME*	AP,IB,JR,TR	SI,TU	- - - E	- ● ● ● -	37.00
Manipulate variables to control carbon monoxide pollution in an urban environment						
VOYAGE MIMI: WHALES & ENVIRONMENT	*HOLT R&W*	AP	IE,PS,SI	- - - D	- ● ● - -	370.50
Probe kit to measure temperature, light, and sound; includes *Bank Street Lab*						
WATER POLLUTION	*EME*	AP,IB,TR	SI,TU	- - - D	- - - ● -	35.00
Examine the effect of water pollutants on aquatic life in varied environments						

SCIENCE - GENERAL SCIENCE

SIMPLE MACHINES	*MICRO P&L*	AP	PS,SI,TU	- - - D	- ● ● - -	39.95
Principles and applications of lever, pulley, inclined plane, wheel, wedge, and screw						

SCIENCE - PHYSICS

CREATIVE CONTRAPTIONS	*BANTAM*	AP,CO,IB	PS,SI	- - - D	- ● - - -	39.95
Students must demonstrate their understanding of how and where to use simple machines						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
DEMOCOMP SERIES: OPTICS AND LIGHT	*FOCUS*	AP	SI	- - - -	- - - ● -	79.00
Two programs demonstrate properties and operation of lenses and refraction						
GLIDEPATH	*HRM SOFTWR*	AP	PS,SI	- - - -	- - ● - -	59.00
Simulate flight of glider over imaginary terrain that includes mountains, forests, and deserts						
MOLEC: MOLECULAR MODELING	*COMPRESS*	AP	PS,SI	- - - -	- - - ● -	149.95
Create, edit, display, and manipulate three-dimensional molecular models						
PROJECTILES II	*VERNIER*	AP	SI	- - - -	- - - ● -	24.95
Nine challenges to experiment with projectile motion						
RAY TRACER	*VERNIER*	AP	DE,EG,SI	- - - D	- - - ● -	24.95
Displays the path of light rays through various materials or reflected from various media						
SIMPLE MACHINES	*MICRO P&L*	AP	PS,SI,TU	- - - D	- ● ● - -	39.95
Principles and applications of lever, pulley, inclined plane, wheel, wedge, and screw						
VECTORS AND LINEAR MOTION	*FOCUS*	AP	DE,EG,TU	- - - D	- - - ● -	99.00
Four programs: collisions, elastic and inelastic, inclined plane, and navigator and vector addition						

SCIENCE - SCIENTIFIC METHOD/LAB EQUIPMENT

BAFFLES	*CONDUIT*	AP	EG,PS,SI	- - - -	- - ● ● -	50.00
Locate hidden baffles by observing how they reflect light rays						
BIOFEEDBACK MICROLAB	*HRM SOFTWR*	AP,CO	IF	- - - -	- - - ● -	350.00
Interfacing package to measure heart rate, muscle tension, and electrodermal responses						
CAR BUILDER	*WEEK READ*	AP	PS,SI	- - - -	- - ● ● -	39.95
Design and build a simulated car; test design in a wind tunnel and on a test track						
CARDIOVASCULAR FITNESS LAB	*HRM SOFTWR*	AP,CO,IB	IF	- - - -	- ● ● ● -	175.00
The computer as a laboratory monitor of cardiovascular activity						
DISCOVER: A SCIENCE EXPERIMENT	*SUNBURST*	AP,CO	PS,SI	- - - D	- - ● ● -	59.00
Students assume the roles of scientists, set up experiments, and test hypotheses						
DISCOVERY LAB	*MECC*	AP	PS,SI	- - - D	- ● ● ● -	49.00
Students design and conduct experiments to find best environmental conditions for aliens						
EXPERIMENTS IN HUMAN PHYSIOLOGY	*HRM SOFTWR*	AP,IB	IF	- - - -	- - ● ● -	259.00
Lab equipment to measure respiration, skin temperature, heart rate, and reaction time						
EXPERIMENTS IN SCIENCE	*HRM SOFTWR*	AP,IB	IF	- - - D	- - ● ● -	259.00
Interfacing package for experiments in biology, physics, chemistry, and earth science						
FREQUENCY METER	*VERNIER*	AP	IF	- - - E	- - - ● -	39.95
Interfacing package to measure, display, and store audio frequencies						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
GRAPHICAL ANALYSIS II	*VERNIER*	AP	GG,PS	- - - D	- - ● ● -	24.95
Plot and label graphs with experimental data; prints graphs						
INCREDIBLE LABORATORY, THE	*SUNBURST*	AP,AT,CO,IB,TC	EG,PS,SI	- - D D	- ● ● ● -	59.00
Design experiments to determine the combination of chemicals needed to produce each monster						
KING'S RULE, THE	*SUNBURST*	AP,CO,IB,TC,TR	EG,PS	- - E D	- ● ● ● -	59.00
Students form hypotheses, recognize numerical patterns, and test their logic skills						
LEAP STANDARD SYSTEM	*QUANTUM*	AP	IF	- - - -	- - ● ● -	895.00
Interfacing package to measure temperature, volts, millivolts, amps, and milliamps						
LIGHT LAB	*CREATIVE TEC*	AP,CO	IF	- - - D	- - ● ● -	50.00
Interfacing package to measure light intensity						
ROBOT ODYSSEY	*TLC*	AP,IB	CA,CP,EG,PS	- - E D	- ● ● ● -	49.95
Use wires, logic gates, and circuit chips to design a robot that can escape from a maze						
ROCKY'S BOOTS	*TLC*	AP,CO,IB	EG,PS,SI,TU	- - E D	- ● ● ● -	64.95
Design circuit to recognize specific attributes using: and, not, or, flip-flop gates						
SCIENCE TOOL KIT 1: SPEED/MOTION	*BRODERBUND*	AP	IF	- - - -	- ● ● ● -	39.95
Use with master module to measure velocity and acceleration						
SCIENCE TOOL KIT 2: EARTHQUAKE LAB	*BRODERBUND*	AP	IF	- - - -	- ● ● ● -	39.95
Use with master module to measure seismic activities						
SCIENCE TOOL KIT MASTER MODULE	*BRODERBUND*	AP	IF	- - - D	- ● ● ● -	89.95
Interfacing package to measure temperature, light, speed, and response time; includes teacher's guide						
TEMPERATURE EXPERIMENTS	*HARTLEY*	AP,CO	IF	- - - -	● ● ● ● -	69.95
Interfacing package to measure temperature with two probes						
TEMPERATURE INTERFACE	*EME*	AP	IF	- - - D	- ● ● ● -	98.00
Interfacing package with sensors to store, graph, display, and analyze temperature; print statistics						
TEMPERATURE LAB	*CREATIVE TEC*	AP,CO	IF	- - - D	- ● ● ● -	90.00
Probe kit for measuring temperature (same as *AtariLab*)						
TRIBBLES	*CONDUIT*	AP	EG,PS,SI,TU	- - - -	- - - ● -	40.00
Problem-solving tutorial and simulation to introduce the scientific method						
VOYAGE MIMI: WHALES & ENVIRONMENT	*HOLT R&W*	AP	IF,PS,SI	- - - D	- ● ● - -	370.50
Probe kit to measure temperature, light, and sound; includes *Bank Street Lab*						

SOCIAL SCIENCE - ECONOMICS

CARTELS AND CUTTHROATS	*STRAT SIMS*	AP,CO,IB,JR	SI	E - - -	- ● ● ● -	39.95
Simulation game of business, manufacturing, and financial strategies						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
ELECTRONIC MONEY	*MECC*	AP,CO,IB	SI,TU	D - - -	- ● ● - -	29.00
Practice in recognition of specific uses of electronic money transactions in business						
FACTORY, THE	*SUNBURST*	AP,AT,CO,IB,TC	EG,PS,SI	- - E -	- ● ● ● -	59.00
Visual discrimination, spatial perception, and logic skills; develop sequence and order skills						
HOT DOG STAND	*SUNBURST*	IB,JR,TC	EG,SI	D - - -	● ● ● - -	59.00
Economic simulation of operation of a hot dog stand at a football game						
MARKET PLACE, THE	*MECC*	AP,AT,CO,IB,TC	SI	E - - -	- ● ● - -	49.00
Economics simulations include selling apples, plants, lemonade, and bicycles						
TRADING POST	*SUNBURST*	AP,CO,IB,JR,TC	SI	- - D -	- ● ● - -	59.00
Game for two students to reinforce visual discrimination, rule formation, analysis, and planning						
WHATSIT CORPORATION	*SUNBURST*	AP,CO,IB,TR	DP,EG,SI	- - D -	- ● ● ● -	59.00
Use math skills to make group decisions and operate competitive businesses						

SOCIAL SCIENCE - GEOGRAPHY

see also INSTRUCTIONAL TOOLS - DATA BASE *section*

AFRICA	*ED'L ACTV*	AP,TR	DP,TU	D - - -	- - ● ● -	69.00
Introduces African history and geography						
AGENT U.S.A.	*SCHOLASTIC*	AP,AT,CO,IB	EG,PS,SI	- - - -	- ● ● - -	39.95
Use map skills in a simulated spy mission across the U.S.A.						
AMERICA COAST-TO-COAST	*CBS*	AP,CO,IB	DP	- - - -	- ● ● ● -	49.95
Map facts covering the 50 states, with three levels of difficulty						
CROSSCOUNTRY USA	*DIDATECH*	AP	SI	D - - -	- - - ● -	39.95
Simulation combines map reading, decision-making skills, and political geography						
DATAQUEST: THE FIFTY STATES	*MECC*	AP	DB,DP	- - - -	- ● ● ● -	49.00
Questions on geography, demographics, climate, economics, and history; editing option						
DISCOVERY: LV. 1-4	*NYSTROM*	AP	DP	E - - -	- ● ● - -	395.00*
Four levels to develop basic map skills sequentially						
EUROPEAN NATIONS AND LOCATIONS	*DESIGNWARE*	AP,CO,IB,JR	DP,TU	D - - -	- ● ● - -	44.95
Practice with European geographical locations, historical events, and capitals						
GAME OF THE STATES	*MED MAT*	AP,IB,JR	DP,EG	D - - -	- ● ● - -	39.95
Recognizing states, capitals, abbreviations, relative locations, and major cities						
INTO THE UNKNOWN #1: AFRICA	*FOCUS*	AP,CO	SI	E - - -	- - ● ● -	99.00
Map skills presented in a simulation adventure of 15th century sea exploration						
JENNY'S JOURNEYS	*MECC*	AP,IB	SI	D - - -	- ● - - -	49.00
Adventure simulation to reinforce map-reading skills						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
ONE WORLD: COUNTRIES DATABASE	*ACTIVE LEARN*	AP,CO,IB	DB	- - - -	- - ● ● -	148.00
Information on all nations of the world; includes maps and activity sheets						
OREGON TRAIL, THE	*MECC*	AP	EG,SI	D - - -	- ● ● ● -	49.00
Improved version of *Oregon* simulating the 1850 trek west in a covered wagon						
STATES AND CAPITALS	*GAMCO*	AP,CO,TR	DP,EG	- - - -	- ● ● ● -	54.95
Guided drill in basic U.S.A. geography skills						
STATES AND TRAITS	*DESIGNWARE*	AP,CO,IB,JR	DB,DP,SH	- - - -	- ● ● - -	44.95
Practice in U.S.A. history and geography facts; editing option						
STICKYBEAR TOWN BUILDER	*WEEK READ*	AP,CO	CA,SI	D - - -	● ● - - -	39.95
Practice map skills while building up to twenty towns						
TREASURE HUNTER	*GROLIER*	AP	EG,PS	D D - -	- ● ● - -	54.95
Research history and geography facts using an encyclopedia						
UNLOCKING THE MAP CODE	*RAND MCNLY*	AP,AT	EG,TU	D - - -	- ● ● - -	111.00
Six units to review land and water forms and to interpret map symbols						
USA PROFILE	*ACTIVE LEARN*	AP,CO,IB	DB	- - - -	- - ● ● -	148.00
Data base of information on all 50 states; includes maps and activity sheets						
VOYAGE MIMI: MAPS AND NAVIGATION	*HOLT R&W*	AP	EG,PS,SI,TU	- - E -	- ● ● ● ●	75.00
Apply mapping and navigational skills to rescue distressed whales						
WHERE IN USA IS CARMEN SAN DIEGO	*BRODERBUND*	AP	SI	- - - -	- ● ● - -	44.95
Using *Fodor's Guide to the USA*, students search the U.S.A. to solve a crime and capture the criminal						
WHERE IN WORLD IS CARMEN SAN DIEGO	*BRODERBUND*	AP,CO,IB	EG,SI	D - - -	- ● ● - -	39.95
Using *The World Almanac*, students search the world to solve a crime and capture the criminal						
WINNIE THE POOH IN 100 ACRE WOOD	*WALT DISNY*	AP,CO	EG,PS	- E - -	● ● - - -	49.95
Read directions and maps to find objects in the woods; practice recall and inference						

SOCIAL SCIENCE - GOVERNMENT/POLITICAL SCIENCE

BALANCE OF POWER	*MINDSCAPE*	AM,IB,MC	SI	- - - -	- - - ● -	59.95
Learn world politics by role-playing world powers						
DATAQUEST: THE PRESIDENTS	*MECC*	AP	DB,DP	- - - -	- ● ● ● -	49.00
Data base of facts about forty American presidents; editing option						
HOW A BILL BECOMES LAW	*INTELLECTUAL*	AP,IB,MC	EG,SI	- - - -	- - ● ● -	59.95
Students become members of Congress trying to pass a bill in the U.S. Congress						
NEWSWORKS	*NEWSWEEK*	AP	DB	- - - -	- - ● ● -	0.00
AppleWorks data disk available with *Newsweek* subscription						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
OTHER SIDE, THE	*TOM SNYDER*	AP,IB	SI	E - - -	- - ● ● ●	49.95
Simulates conflicts between nations; objective is to negotiate in order to build a bridge						
POLLS AND POLITICS	*MECC*	AP,IB	DB,SI,TU	- - - -	- - ● ● -	39.00
Emphasizes political realities; allows students to collect and interpret data						
REVOLUTION AND CONSTITUTION	*MINDSCAPE*	AP	EG,SI	- - - -	- ● ● ● -	39.95
Participate in and use clues to identify a variety of historical events						
TONK IN THE LAND OF BUDDY-BOTS	*MINDSCAPE*	AP,AT,CO,IB,JR	DP,EG	- - - -	● ● - - -	29.95
Practice visual discrimination, concentration, memory, and problem-solving skills						

SOCIAL SCIENCE - HISTORY

see also INSTRUCTIONAL TOOLS - DATA BASE *section*

AMERICAN HISTORY ACHIEVEMENT I	*MIC WRKSHP*	AP	DP	D - - -	- - - ● -	49.95
Over 1,700 problems on economics, politics, and social history; Precolumbian to 1860						
ARCHEOLOGY SEARCH	*MCGRAW HILL*	AP,TR	SI	E - - -	- - ● ● -	180.00
Team involvement for planning and problem-solving in an archeological dig simulation						
BEYOND THE RISING SUN: DISCOV JAPAN	*ED'L ACTV*	AP	EG,SI	D - - -	- ● ● ● -	63.00
Become a member of a Japanese family and participate in daily decision making						
INTO THE UNKNOWN #1: AFRICA	*FOCUS*	AP,CO	SI	E - - -	- - ● ● -	99.00
Map skills presented in a simulation adventure of 15th century sea exploration						
LINCOLN'S DECISIONS	*ED'L ACTV*	AP,IB,JR,TR	SI	E - - -	- ● ● - -	63.00
User is challenged to respond creatively to choices that Abe Lincoln faced						
OREGON TRAIL, THE	*MECC*	AP	EG,SI	D - - -	- ● ● ● -	49.00
Improved version of *Oregon* simulating the 1850 trek west in a covered wagon						
RIVERS AND ANCIENT CULTURES	*TYC*	AP	DP,TU	- - - -	- ● ● - -	39.95
Explores life and history of Egyptians and Sumerians						
SANTA FE TRAIL	*ED'L ACTV*	AP	EG,SI	- - - -	- ● ● ● -	59.95
A trader's adventure for years the 1820-1829; different game each year; save feature						
SEA VOYAGERS	*CBS*	AP,CO,IB	SI	D D - -	- ● ● ● -	49.95
Helps students understand the social and cultural context of an explorer's voyage						
SOUTH DAKOTA	*ED'L ACTV*	AP	PS,SI	D - - -	- ● ● ● -	63.00
Simulation of farm economics; user must employ math skills and critical thinking						
TEST TAKER'S EDGE	*SUNBURST*	AP,IB	DP,TE	- - - -	- - ● ● -	69.00
Practice multiple choice, T-F, matching and fill-in tests; vocabulary and social science disks available						
TREASURE HUNTER	*GROLIER*	AP	EG,PS	D D - -	- ● ● - -	54.95
Research history and geography facts using an encyclopedia						

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TITLE	PUBLISHER	COMPUTERS	MODES	TIC GUIDE H L M S	GRADE LEVELS P E M S T	PRICE
TRIVIA MACHINE	*MECC*	AP	DB,DP,PS	- - - -	- ● ● ● -	**49.00**
Trivia game helps to develop data base thinking skills and keyword searching skills						

SOCIAL SCIENCE - SOCIOLOGY

HOMETOWN: LOCAL AREA STUDY	*ACTIVE LEARN*	AP,CO,IB	DP,SI	D - - -	- ● ● ● -	**148.00**
Students analyze demographic data reLating to their own local information						
SURVEY TAKER	*SCHOLASTIC*	AP	DB,SH	D - - -	- - ● ● ●	**29.95**
Allows development of 50-question surveys to be taken on-line; results may be graphed						

TESTS AND TESTING

COMPUTER PREPARATION FOR THE SAT	*CORONADO*	AP,IB,TR	DP,TE	- - - -	- - - ● -	**87.96**
Practice problems to prepare for *SAT* exams						
TEST TAKER'S EDGE	*SUNBURST*	AP,IB	DP,TE	- - - -	- - ● ● -	**69.00**
Practice multiple choice, T-F, matching and fill-in tests; vocabulary and social science disks available						

VOCATIONAL EDUCATION/INDUSTRIAL ARTS

CAR BUILDER	*WEEK READ*	AP	CA,DE,SI	- - - -	- - ● ● -	**39.95**
Practice in designing, testing, and redesigning cars						
CAREER DIRECTIONS	*JEFFERSON*	AP,CO,IB	DE,TU	- - - -	- - - ● -	**89.00**
Analyzes student interests in terms of 460+ possible occupations						
MACDRAFT	*INNOVATIVE*	MC	GG	- - - -	- - ● ● ●	**269.00**
Interactive drafting program for 2- and 3-dimensional applications						

ALPHABETICAL LIST OF TITLES

TITLE	PUBLISHER	COMPUTERS	CURR AREA	TIC GUIDE H L M S	PRICE
ADDITION LOGICIAN	MECC	AP	MA	- - D -	49.00
ADDITION MAGICIAN	TLC	AP,CO,IB	MA	- - D -	34.95
ADJECTIVES	HARTLEY	AP,IB	LA	- D - -	39.95
ADVENTURE CONSTRUCTION SET	ELECTR ART	AM,AP,CO	LA,PS	- - - -	49.95
ADVENTURES WITH FRACTIONS	MECC	AP,CO	MA	- - - -	39.00
AFRICA	ED'L ACTV	AP,TR	SS	D - - -	69.00
AGENT U.S.A.	SCHOLASTIC	AP,AT,CO,IB	PS,SS	- - - -	39.95
AIR POLLUTION	EME	AP,IB,JR,TR	SC	- - - E	37.00
ALCOHOL THE PARTY	MARSHWARE	AP	HE,HL	- - - -	49.95
ALEXANDER	GESSLER	AP,IB,JR	IT	- - - -	245.00
ALGEBRA ARCADE	COMPRESS	AP,CO,IB	MA	- - D -	49.95
ALL SORTS OF MEGGLES	JOSTENS	AP	CS,PS	- D - -	149.00
ALPHABET CIRCUS	DLM	AP,CO,IB,JR	LA,PR	- D - -	29.95
ALPHABETIC KEYBOARDING	SW PUB	AP,IB,JR,TR	BE,KB	- - - -	89.50
ALPHABETIZATION	MILLIKEN	AP	LA	- D - -	75.00
AMERICA COAST-TO-COAST	CBS	AP,CO,IB	SS	- - - -	49.95
AMERICAN HISTORY ACHIEVEMENT I	MIC WRKSHP	AP	SS	D - - -	49.95
ANAGRAMAS HISPANOAMERICANOS	GESSLER	AP	FL	- - - -	29.95
ANALOGIES ADVANCED	HARTLEY	AP,IB	LA	- - - -	39.95
ANALOGIES TUTORIAL	HARTLEY	AP,IB	LA	- D - -	49.95
APPLE ACCESS II	APPLE	AP	IT	- - - -	75.00
APPLE LOGO	APPLE	AP	CS	- - E -	100.00
APPLE LOGO II	APPLE	AP	CS	- - E -	100.00
APPLE SUPER PILOT/LOGO	APPLE	AP	IT	- - - -	175.00
APPLE WRITER IIE	APPLE	AP	IT	- D - -	149.00
APPLEWORKS	APPLE	AP	IT	- E - -	175.00
ARBPLOT	CONDUIT	AP	IT	- - - -	125.00
ARCHEOLOGY SEARCH	MCGRAW HILL	AP,TR	SS	E - - -	180.00
ARITH-MAGIC	QED	AP,CO,IB,PE,TR	MA	- - - -	35.00
ARROW DYNAMICS	SUNBURST	AP	CS,PS	- - - -	59.00
ASCII EXPRESS	UNITED	AP,IB	IT	- - - -	129.95
ASTRO GROVER	CBS	AP,CO	PR	- - - -	29.95
AUTOMATED ACCOUNTING	SW PUB	AP,CO,IB,TR	BE	- - - -	64.50
BAFFLES	CONDUIT	AP	PS,SC	- - - -	50.00
BAKE AND TASTE	MINDPLAY	AP,IB	PR	- - - -	39.99
BALANCE OF POWER	MINDSCAPE	AM,IB,MC	SS	- - - -	59.95
BANK STREET FILER	BRODERBUND	AP,CO	IT	- - - -	69.95
BANK STREET MUSICWRITER	MINDSCAPE	AP,AT,CO,IB,JR	MU	- - - -	49.95
BANK STREET SCHOOL FILER	SUNBURST	AP	IT	- - - -	99.00
BANK STREET SPELLER	SCHOLASTIC	AP	IT	- - - -	64.95
BANK STREET STORYBOOK	MINDSCAPE	AP,CO,IB,JR	AT,LA	- D - -	49.95
BANK STREET WRITER	BRODERBUND	AP,CO,IB	IT	- - - -	69.95
BANK STREET WRITER	SCHOLASTIC	AP,AT,CO	IT	- D - -	69.95
BANK STREET WRITER II	SCHOLASTIC	AP	IT	- - - -	69.95
BANK STREET WRITER III	SCHOLASTIC	AP,IB	IT	- - - -	79.95

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BANK STREET WRITING ACTIVITIES	SCHOLASTIC	AP,AT,CO,IB	LA	- D - -	59.95
BASICS OF BASIC	FOCUS	AP,IB	CS	- - - -	79.00
BATAILLE DE MOTS	GESSLER	AP,CO,IB	FL	- - - -	49.95
BATALLA DE PALABRAS	GESSLER	AP,CO,IB	FL	- - - -	49.95
BEYOND THE RISING SUN: DISCOV JAPAN	ED'L ACTV	AP	SS	D - - -	63.00
BIOFEEDBACK MICROLAB	HRM SOFTWR	AP,CO	SC	- - - -	350.00
BIRDBREED	EDUTECH	AP	SC	- - - D	95.00
BLAZING PADDLES	BAUDVILLE	AP,AT,CO	AT,IT	- - - -	49.95
BLAZING THE BASIC TRAIL	SUNBURST	AP	CS	- - - -	59.00
BODY AWARENESS	LEARN WELL	AP	PR,SC	- - - -	49.95
BODY IN FOCUS	CBS	AP,CO,IB	SC	- - - -	49.95
BODY TRANSPARENT	DESIGNWARE	AP,CO,IB,JR	HL,SC	- - - E	44.95
BOPPIE'S GREAT WORD CHASE	DLM	AP,CO,IB,JR	LA	- - - -	29.95
BOTANICAL GARDENS	SUNBURST	AP	SC	- - - -	59.00
BUILDING READING SKILLS: CIRCUS/ZOO	JOSTENS	AP	LA	- D - -	149.00
BUILDING READING SKILLS: FARM/JUNGL	JOSTENS	AP	LA	- D - -	149.00
BUILDING READING SKILLS: SHORT/LONG	JOSTENS	AP	LA	- D - -	149.00
BUMBLE GAMES	TLC	AP,CO	MA,PS	D - D -	54.95
BUMBLE PLOT	TLC	AP,CO	MA,PS	- - D -	54.95
CALENDAR SKILLS	HARTLEY	AP,IB	LA	- - - -	39.95
CALLIOPE	INNOVISION	MC	IT	- - - -	59.95
CAPITALIZATION PLUS	MIC WRKSHP	AP	LA	- D - -	44.95
CAR BUILDER	WEEK READ	AP	PS,SC,VE	- - - -	39.95
CARDIOVASCULAR FITNESS LAB	HRM SOFTWR	AP,CO,IB	HL,SC	- - - -	175.00
CAREER DIRECTIONS	JEFFERSON	AP,CO,IB	VE	- - - -	89.00
CARTELS AND CUTTHROATS	STRAT SIMS	AP,CO,IB,JR	SS	E - - -	39.95
CATGEN	CONDUIT	AP,IB	SC	- - - -	75.00
CATLAB	CONDUIT	AP	SC	- - - -	75.00
CELL GROWTH AND MITOSIS	IBM	IB	SC	- - - -	69.95
CERTIFICATE MAKER	SPRINGBOARD	AP,CO,IB	IT	- - - -	49.95
CHALLENGE MATH	SUNBURST	AP,CO	MA,PS	- - D -	59.00
CHARIOTS, COUGARS, AND KINGS	HARTLEY	AP	LA	- D - -	39.95
CHARLIE BROWN'S 1,2,3'S	RANDOM	AP	MA	- - - -	39.95
CHARLIE BROWN'S ABC'S	RANDOM	AP,CO,IB	PR	- - - -	39.95
CHEM LAB SIMULATIONS 1	HIGH TECH	AP,AT	SC	- - - D	100.00
CHEM LAB SIMULATIONS 2	HIGH TECH	AP	SC	- - - E	100.00
CHEMICAL NOMENCLATURE/BAL EQUATIONS	BERGWALL	AP	SC	- - - -	59.00
CHEMICALS OF LIFE I: STRUCTURE	IBM	IB	SC	- - - -	52.00
CHEMICALS OF LIFE II: WATER, CARB	IBM	IB	SC	- - - -	52.00
CHIPWITS	BRAINPOWER	AP,MC	CS,PS	- - - -	39.95
CIRCUS MATH	MECC	AP	MA	- - - -	49.00
CLASSIFICATION	MECC	AP,IB,JR	LA	- - - -	29.00
CLASSIFICATION OF LIVING THINGS	ED'L ACTV	AP	SC	- - - D	59.95
CLIP ART COLLECTION V.1	SPRINGBOARD	AP,CO,IB	IT	- - - -	29.95
CLOCK	HARTLEY	AP,IB	MA,PR	- - - -	39.95

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CLOCK WORKS	MECC	AP	MA	- - - -	49.00
CLOZE-PLUS LV. C-H	MILLIKEN	AP	LA	- D - -	900.00*
CODE QUEST	SUNBURST	AP,AT,CO,IB,TR	MA,PS	- - - -	59.00
COMMODORE LOGO	COMMODORE	CO	CS	- - E -	59.95
COMPARISON KITCHEN	DLM	AP	PR	- - - -	29.95
COMPREHENSION POWER LV. A-L	MILLIKEN	AP	LA	- E - -	1800.00*
COMPU-POEM	SCWRIP	AP	LA	- - - -	16.95
COMPUTER CHRONICLES	INTERLEARN	AP	LA	- D - -	39.95
COMPUTER CROSSROADS	ED'L ACTV	AP	LA	- D - -	99.95
COMPUTER GRAPHING EXPERIMENTS V.1	ADD WES	AP	MA	- - - -	60.00
COMPUTER GRAPHING EXPERIMENTS V.2	ADD WES	AP	MA	- - - -	60.00
COMPUTER GRAPHING EXPERIMENTS V.3	ADD WES	AP	MA	- - D -	60.00
COMPUTER PREPARATION FOR THE SAT	CORONADO	AP,IB,TR	TE	- - - -	87.96
COUNTERS	SUNBURST	AP	MA,PR	- - - -	59.00
COUNTING	MICRO-ED	AP,CO	MA	- - - -	34.95
COUNTING CRITTERS	MECC	AP	MA	- - - -	49.00
CREACUENTOS (KIDWRITER)	GESSLER	AP,CO	FL	- - - -	37.95
CREASTORIE (KIDWRITER)	GESSLER	AP,CO	FL	- - - -	37.95
CREATE WITH GARFIELD	DLM	AP,CO	AT,LA	- - - -	29.95
CREATE-A-BASE	MECC	AP	IT	- - - -	29.00
CREATIVE CONTRAPTIONS	BANTAM	AP,CO,IB	PS,SC	- - - D	39.95
CREATIVITY UNLIMITED	SUNBURST	AP	MA	- - - -	59.00
CREATURE CREATOR	DESIGNWARE	AP,AT,CO,IB	PR	- - D -	29.95
CROSSCOUNTRY USA	DIDATECH	AP	SS	D - - -	39.95
CROSSWORD MAGIC, NEW	MINDSCAPE	AP,AT,CO,IB,JR	IT,LA	- D - -	59.95
DASHER	CONDUIT	AP	FL	- - - -	150.00
DATAQUEST: THE FIFTY STATES	MECC	AP	SS	- - - -	49.00
DATAQUEST: THE PRESIDENTS	MECC	AP	SS	- - - -	49.00
DAZZLE DRAW	BRODERBUND	AP	AT	- - - -	59.95
DBASE III +	ASHTON TATE	IB	IT	- - - -	695.00
DEMOCOMP SERIES: OPTICS AND LIGHT	FOCUS	AP	SC	- - - -	79.00
DEUTSCH AKTUELL 1	EMC	AP	FL	- - - -	495.00
DIE SPURNASEN	GESSLER	AP,CO	FL	- - - -	39.95
DINOSAUR DAYS	TYC	AP	SC	- - - D	39.95
DINOSAURS	ADV ID	AP,CO,IB,JR	PR	- D - D	34.95
DINOSAURS AND SQUIDS	SCOTT FORS	AP	PS	- - E -	49.95
DISCOVER: A SCIENCE EXPERIMENT	SUNBURST	AP,CO	SC	- - - D	59.00
DISCOVERY LAB	MECC	AP	PS,SC	- - - D	49.00
DISCOVERY: LV. 1-4	NYSTROM	AP	SS	E - - -	395.00*
DISCRIMINATION ATTRIBUTES AND RULES	SUNBURST	AP	PS	- - - -	225.00*
DOREMI	TEMPORAL	AP	MU	- - - -	75.00
DRAGON'S KEEP	SIERRA	AP,CO	LA,PS	- - - -	29.95
EARLY ADDITION	MECC	AP,AT	MA	- - - -	49.00
EARLY GAMES FOR YOUNG CHILDREN	SPRINGBOARD	AP,CO,IB,JR,MC	MA,PR	- - - -	34.95
EASY AS ABC	SPRINGBOARD	AP,CO,IB,JR	PR	- D - -	39.95

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EASY GRAPH	GROLIER	AP,CO,IB,JR	IT	D - - E	49.95
EDUCALC	GROLIER	AP,CO,IB,JR	IT	- - - -	64.95
EINE REISE DURCH DEUTSCHLAND	LANGENSCHIED	AP	FL	- - - -	39.95
EJERCICIOS DE MATEMATICAS	MECC	AP	MA	- - - -	39.00
EL ASISTENTE DEL INSTRUCTOR	MECC	AP	FL	- - - -	49.00
EL DIALOGUISTA	INTERLEARN	AP	FL	- - - -	49.95
EL MUNDO HISPANICO	DC HEATH	AP	FL	- - - -	120.00
ELECTRIC POET	IBM	IB	IT	- - - -	60.00
ELECTRONIC BLACKBOARD: ALGEBRA	COMPRESS	AP	MA	- - - -	95.00
ELECTRONIC BLACKBOARD: FUNCTION	COMPRESS	AP	MA	- - - -	50.00
ELECTRONIC BLACKBOARD: TRIGONOM	COMPRESS	AP	MA	- - - -	50.00
ELECTRONIC MONEY	MECC	AP,CO,IB	SS	D - - -	29.00
ELEMENTARY V.1: MATH	MECC	AP	MA	- - - -	29.00
EN VACANCES	DC HEATH	AP	FL	- - - -	99.00
EN VILLE	DC HEATH	AP	FL	- - - -	99.00
ENCHANTED FOREST, THE	SUNBURST	AP,IB	MA,PS	- - D -	59.00
ENGLISH ACHIEVEMENT I-V	MIC WRKSHP	AP,CO,IB,PE,TR	LA	- D - -	199.75*
ENGLISH: PARTS OF SPEECH	MECC	AP	LA	- - - -	39.00
ENZKIN	CONDUIT	AP	SC	- - - D	45.00
EQUATIONS I	MIC WRKSHP	AP,CO,IB,PE,TR	MA	- - - -	29.95
EQUATIONS II	MIC WRKSHP	AP,CO,IB,TR	MA	- - - -	29.95
EUROPEAN NATIONS AND LOCATIONS	DESIGNWARE	AP,CO,IB,JR	SS	D - - -	44.95
EXCEL	MICROSOFT	MC	IT	- - - -	395.00
EXPERIMENTS IN CHEMISTRY	HRM SOFTWR	AP,IB	SC	- - - -	349.00
EXPERIMENTS IN HUMAN PHYSIOLOGY	HRM SOFTWR	AP,IB	SC	- - - -	259.00
EXPERIMENTS IN SCIENCE	HRM SOFTWR	AP,IB	SC	- - - D	259.00
EXPLORER METROS	SUNBURST	AP	MA	- - D -	59.00
EXPLORING TABLES AND GRAPHS I	WEEK READ	AP	MA,PS	E - - -	34.95
EXPLORING TABLES AND GRAPHS II	WEEK READ	AP	MA,PS	D - - -	34.95
EXTRA! EXTRA!	MED MAT	AP,IB,JR	LA	- - - -	39.95
EZ LOGO	MECC	AP	CS,PS	- - - -	49.00
FACEMAKER	SPINNAKER	AM,AP	AT,PR	- - - -	39.95
FACT OR OPINION	HARTLEY	AP,IB	LA	- D - -	39.95
FACT SHEETS	HARTLEY	AP	IT,MA	- - - -	49.95
FACTORING ALGEBRAIC EXPRESSIONS	MIC WRKSHP	AP,CO,IB,TR	MA	- - D -	29.95
FACTORY, THE	SUNBURST	AP,AT,CO,IB,TC	MA,PS,SS	- - E -	59.00
FANTAVISION	BRODERBUND	AP	AT,IT	- - - -	49.95
FAY'S WORD RALLY	DIDATECH	AP,CO	LA	- D - -	49.95
FILEVISION	TELOS	MC	IT	- - - -	195.00
FILING ASSISTANT	IBM	IB	IT	- - - -	68.00
FIRST-LETTER FUN	MECC	AP	LA,PR	- - - -	49.00
FISH SCALES	DLM	AP	PR	- - - -	29.95
FONTRIX 1.5	DATA TRANSFM	AP	IT	- - - -	95.00
FOOD FACTS	MECC	AP,CO	HL,SC	- - - D	29.00
FOR YOUR NEXT ADVENTURE	SUNBURST	AP	CS	- - - -	59.00

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FORECAST	CBS	AP,CO,IB,JR	SC	- - - -	59.95
FRENCH ACHIEVEMENT I-III	MIC WRKSHP	AP	FL	- - - -	149.85*
FRENCH IDIOM MASTER	LINGO FUN	AP	FL	- - - -	49.95
FREQUENCY METER	VERNIER	AP	SC	- - - E	39.95
FRIENDLY COMPUTER, THE	MECC	AP,CO,IB	CS,PS	- - - -	49.00
FRIENDLY FILER	GROLIER	AP,CO,IB,JR	IT	- - - E	54.95
FULLPAINT	ANN ARBR SWK	MC	AT	- - - -	99.00
FUN FROM A TO Z	MECC	AP	LA,PR	- - - -	49.00
FUN HOUSE MAZE	SUNBURST	AP	PS	- - D -	59.00
GAME OF THE STATES	MED MAT	AP,IB,JR	SS	D - - -	39.95
GAME SHOW, THE	ADV ID	AP,CO,IB,JR	IT,PS	- D - -	39.95
GEARS	SUNBURST	AP,IB,JR,TC	MA,PS	- - D -	59.00
GEOMETRIC PRESUPPOSER	SUNBURST	AP	MA	- - - -	99.00
GEOMETRIC SUPPOSER: QUADRILATERALS	SUNBURST	AP	MA	- - E -	99.00
GEOMETRIC SUPPOSER: TRIANGLES	SUNBURST	AP	MA	- - E -	99.00
GEOMETRY	BRODERBUND	MC	MA	- - - -	99.95
GEOWORLD	TOM SNYDER	AP	SC	- - - -	79.95
GERMAN ACHIEVEMENT I	MIC WRKSHP	AP	FL	- - - -	49.95
GERMAN IDIOM MASTER	LINGO FUN	AP	FL	- - - -	49.95
GERTRUDE'S PUZZLES	TLC	AP,CO,IB	LA,PR,PS	- - E -	59.95
GERTRUDE'S SECRETS	TLC	AP,CO,IB	LA,PR,PS	- - E -	59.95
GESCHICHTENSCHREIBER (KIDWRITER)	GESSLER	AP,CO	FL	- - - -	37.95
GETTING READY TO READ AND ADD	SUNBURST	AP,AT,CO,IB,JR	MA,PR	- D - -	59.00
GHOST WRITER	MECC	AP	IT	- - - -	89.00
GLIDEPATH	HRM SOFTWR	AP	PS,SC	- - - -	59.00
GNEE OR NOT GNEE	SUNBURST	AP,CO,IB,TC	PS	- - - -	59.00
GO TO THE HEAD OF THE CLASS	MED MAT	AP,IB,JR	LA,MA	D - - -	39.95
GOLF CLASSIC/BATTLING BUGS	MILLIKEN	AP,IB,JR	MA	- - D -	34.95
GPLE: GLOBAL PROGRAM LINE EDITOR	BEAGLE BRO	AP	CS	- - - -	49.95
GRAMMAR EXAMINER	DESIGNWARE	AP,CO,IB,JR	LA	- D - -	44.95
GRAMMAR GREMLINS	DAVIDSON	AP,IB	LA	- - - -	49.95
GRAPHICAL ANALYSIS II	VERNIER	AP	MA,SC	- - - D	24.95
GRAPHICS EXPANDER V.1	SPRINGBOARD	AP,AT,CO	AT	- - - -	39.95
GRAPHING EQUATIONS	CONDUIT	AP	MA	- - - -	60.00
GREEN GLOBS AND GRAPHING EQUATIONS	SUNBURST	AP,IB	MA	- - E -	59.00
GRIMBLE PROCESS, THE	JOSTENS	AP	CS,PS	- - - -	149.00
GROUND WATER	IBM	IB	SC	- - - -	44.00
GUIDE DE L'ENSEIGNANT	MECC	AP	FL	- - - -	49.00
GUTENBERG JUNIOR	GESSLER	AP	IT	- - - -	99.95
HABER: AMMONIA SYNTHESIS	CONDUIT	AP	SC	- - - D	45.00
HALLEY PROJECT, THE	MINDSCAPE	AM,AP,AT,CO	SC	- - - D	49.95
HARMONIOUS DICTATOR	TEMPORAL	AP	MU	- - - -	150.00
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HIGH WIRE LOGIC	SUNBURST	AP,IB,JR	CS,PS	- - E -	59.00
HINKY PINKY GAME	LEARN WELL	AP	LA	- D - -	49.95
HOMETOWN: LOCAL AREA STUDY	ACTIVE LEARN	AP,CO,IB	SS	D - - -	148.00
HOMEWORD	SIERRA	AP	IT	- - - -	69.95
HOT DOG STAND	SUNBURST	IB,JR,TC	PS,SS	D - - -	59.00
HOW A BILL BECOMES LAW	INTELLECTUAL	AP,IB,MC	SS	- - - -	59.95
HOW CAN I FIND IT?	SUNBURST	AP	LM	- - - -	59.00
HOW TO WEIGH AN ELEPHANT	LRNG TECH	AP,CO	PR,PS	- - - -	19.95
HUMAN GENETIC DISORDERS	HRM SOFTWR	AP	SC	- - - D	69.00
HUMAN LIFE PROCESSES I: CELL PHYSIO	IBM	IB	SC	- - - -	69.95
HUMAN LIFE PROCESSES III: DEV,DIFF	IBM	IB	HL,SC	- - - -	52.00
HYDROLOGIC CYCLE	IBM	IB	SC	- - - -	44.00
I CAN WRITE	SUNBURST	AP	LA	- - - -	40.00
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IGGY'S GNEES	SUNBURST	AP,CO	PS	- - - -	59.00
INCREDIBLE LABORATORY, THE	SUNBURST	AP,AT,CO,IB,TC	PS,SC	- - D D	59.00
INFORMATION CONNECTION	GROLIER	AP,CO,IB,JR	IT,LM	- - - -	74.95
INSTANT PASCAL	APPLE	AP	CS	- - - -	140.00
INTEGERS	JMH	AP,CO	MA	- - - -	49.95
INTERPRETING GRAPHS	CONDUIT	AP	MA	- - D -	45.00
INTO THE UNKNOWN #1: AFRICA	FOCUS	AP,CO	SS	E - - -	99.00
INTRO TO GENERAL CHEMISTRY	COMPRESS	AP	SC	- - - D	590.00*
ISLE OF MEM	GROLIER	AP	LM	- - - -	49.95
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JUGGLES' RAINBOW	TLC	AP,CO	LA,MA,PR,PS	- - - -	44.95
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KAREL THE ROBOT	CYBERTRONICS	AP,IB,JR	CS	- - - -	250.00
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KEYBOARD CADET	MINDSCAPE	AM,AP,CO,IB,JR	KB	- - - -	39.95
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KIDWRITER	SPINNAKER	AP,CO,IB	LA	- D - -	39.95
KINDER KONCEPTS	MIDWEST	AP,CO,PE	PR	- D - -	99.00
KINDERCOMP	SPINNAKER	AP	PR	- - - -	39.95
KING'S RULE, THE	SUNBURST	AP,CO,IB,TC,TR	MA,PS,SC	- - E D	59.00
KITTENS, KIDS, AND A FROG	HARTLEY	AP	LA	- D - -	39.95
KOALAPAINTER	PTI-KOALA	AP	AT,IT	- - - -	19.95
KRELL LOGO	KRELL	AP	CS	- - E -	89.95
L'HOTEL DES MARIONETTES	TLC	AP	FL	- - - -	54.95
L'ODYSSEE DU ROBOT	TLC	AP	FL	- - - -	49.95
LA BOITE A PUCES	TLC	AP	FL	- - - -	64.95

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LAS CRONICAS COMPUTARIZADAS	INTERLEARN	AP	FL	- - - -	39.95
LATIN IDIOM MASTER	LINGO FUN	AP	FL	- - - -	49.95
LE COMPLOT DU BOURDON	TLC	AP	FL	- - - -	54.95
LE DEMENAGEMENT	DC HEATH	AP	FL	- - - -	99.00
LEAP STANDARD SYSTEM	QUANTUM	AP	SC	- - - -	895.00
LEARNING ABOUT NUMBERS	C & C SOFT	AP	MA,PR	- - - -	50.00
LEARNING THROUGH LOGO	SUNBURST	AP	CS,PS	- - - -	55.00
LES JEUX DU BOURDON	TLC	AP	FL	- - - -	54.95
LES PUZZLES DE GERTRUDE	TLC	AP	FL	- - - -	59.95
LES SECRETS DE GERTRUDE	TLC	AP	FL	- - - -	59.95
LES SPORTS	DC HEATH	AP	FL	- - - -	99.00
LETTER RECOGNITION	HARTLEY	AP	LA	- - - -	29.95
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LETTERS AND WORDS	LEARN WELL	AP,IB,JR	LA,PR	- D - -	49.95
LIFE SCIENCE DATA BASE	SCHOLASTIC	AP	SC	- - - D	99.95
LIGHT LAB	CREATIVE TEC	AP,CO	SC	- - - D	50.00
LIGHT, PLANTS, AND PHOTOSYNTHESIS	IBM	IB	SC	- - - -	52.00
LINCOLN'S DECISIONS	ED'L ACTV	AP,IB,JR,TR	SS	E - - -	63.00
LOGIC BUILDERS	SCHOLASTIC	AP,CO	PS	- - D -	39.95
LOGOWORKS	TERRAPIN	AP	CS	- - - -	29.95
LOGOWRITER	LCSI	AP,CO,IB,JR	CS,IT	- - - -	119.00
LOTUS 1-2-3	LOTUS	IB	IT	- - - -	495.00
M-SS-NG L-NKS: AL PIE DE LA LECTURA	SUNBURST	AP,CO,IB	FL	- - - -	59.00
M-SS-NG L-NKS: CLASSICS	SUNBURST	AP,AT,CO,IB,TR	LA	- D - -	59.00
M-SS-NG L-NKS: ENGLISH EDITOR	SUNBURST	AP,AT,IB,JR,TR	LA	- - - -	69.00
M-SS-NG L-NKS: LE MOT JUSTE	SUNBURST	AP,CO,IB	FL	- - - -	59.00
M-SS-NG L-NKS: WORTSPIEL	SUNBURST	AP,CO,IB	FL	- - - -	59.00
M-SS-NG L-NKS: YOUNG PEOPLE'S LIT	SUNBURST	AP,AT,CO,IB,TR	LA	- - - -	59.00
MACDRAFT	INNOVATIVE	MC	IT,VE	- - - -	269.00
MACDRAW	APPLE	MC	IT	- - - -	195.00
MACPAINT	APPLE	MC	IT	- - - -	125.00
MACPROJECT	APPLE	MC	IT	- - - -	195.00
MACTERMINAL	APPLE	MC	IT	- - - -	125.00
MACWRITE	APPLE	MC	IT	- E - -	125.00
MAGIC CASH REGISTER	AVANT GARD	AP	MA	- - D -	34.95
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MAGIC SLATE	SUNBURST	AP	IT	- E - -	99.95
MAGIC SPELLS	TLC	AP,CO,IB	LA	- - - -	49.95
MAKE IT CLICK	SUNBURST	AP,TR	HE,HL	- - - -	59.00
MARKET PLACE, THE	MECC	AP,AT,CO,IB,TC	HE,SS	E - - -	49.00
MASTER SPELL	MECC	AP	IT,LA	- D - -	49.00
MASTERING MATH DIAGNOSTIC SYSTEM	MECC	AP	MA	- - - -	29.00
MASTERING MATH WORKSHEET GENERATOR	MECC	AP	IT,MA	- - - -	39.00
MASTERTYPE	MINDSCAPE	AP,CO,IB,JR,MC	KB	- D - -	39.95

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MASTERTYPE'S FILER	MINDSCAPE	AP,AT,CO,IB	IT	- - - -	39.95
MATH ACTIVITIES COURSEWARE LV. 1-8	HOUGHTON	AP	MA	- - D -	1320.00*
MATH ASSISTANT I-II	SCHOLASTIC	AP	IT,MA	- - - -	129.95*
MATH BLASTER	DAVIDSON	AP,AT,CO,IB,MC	MA	- - D -	49.95
MATH CONCEPTS I-II	HARTLEY	AP,IB	MA	- - - -	39.95*
MATH MAZE	DESIGNWARE	AP,AT,CO,IB	MA	- - - -	39.95
MATH RABBIT	TLC	AP	MA	- - - -	54.95
MATH SEQUENCES, REVISED	MILLIKEN	AP,AT	MA	- - - -	495.00*
MATH SHOP	SCHOLASTIC	AP,IB	MA	- - - -	104.95
MATH WORKSHEET GENERATOR	ED'L ACTV	AP,TR	MA	- - - -	59.95
MATH-TEMATIQUE LV. 3-6	HOUGHTON	AP	MA	- - - -	824.00*
MATH: SOLVING STORY PROBLEMS LV.3-8	HOUGHTON	AP,IB	MA	- - - -	1746.00*
MATHEMATICS V.4: ADVANCED	MECC	AP	MA	- - - -	39.00
MATHGRAPHER	HRM SOFTWR	AP,CO	MA	- - - -	69.00
MEANING OF FRACTIONS	CAE	AP	MA	- - - -	44.95
MECC WRITE START	MECC	AP	LA	- D - -	39.00
MECC WRITER	MECC	AP	IT	- D - -	49.00
MEMORY BUILDER: CONCENTRATION	PRO DESIGN	AP,AT,CO,TR	LA	- - - -	34.95
MEMORY CASTLE	SUNBURST	AP,CO,IB,JR,TC	PR,PS	- - D -	59.00
MEMORY MATCH	HARTLEY	AP,IB	PR	- D - -	39.95
MEMORY: A FIRST STEP	SUNBURST	AP,IB,JR	PR,PS	- - - -	250.00*
METEOR MISSION	DLM	AP	MA	- - - -	44.00
METEOR MULTIPLICATION	DLM	AC,AP,AT,CO,IB	MA	- - - -	44.00
MICRO GARDENER	ED'L ACTV	AP	SC	- - - D	59.95
MICROCOMPUTER KEYBOARDING	SW PUB	AP,IB,JR,TR	BE	- - - -	149.50
MICROS FOR MICROS-ESTIMATION	LAWR HALL	AP	MA,PR	- - E -	34.95
MICROSOFT CHART	MICROSOFT	MC	IT	- - - -	125.00
MICROSOFT FILE	MICROSOFT	MC	IT	- - - -	195.00
MICROSOFT MU-MATH	MICROSOFT	IB	MA	- - - -	300.00
MICROSOFT MULTIPLAN	MICROSOFT	IB,MC	IT	- - - -	195.00
MICROSOFT WORD	MICROSOFT	MC	IT	- - - -	195.00
MICROSOFT WORKS	MICROSOFT	MC	IT	- - - -	295.00
MICROTYPE	SW PUB	AP,CO,IB	BE,KB	- E - -	39.95
MICROZINE 8	SCHOLASTIC	AP	EP	- - - -	39.95
MICROZINE 9	SCHOLASTIC	AP	EP	- D - -	39.95
MICROZINE 10	SCHOLASTIC	AP	EP	- D - -	39.95
MICROZINE SUBSCRIPTION	SCHOLASTIC	AP	EP	- - - -	179.95
MILLIKEN WORD PROCESSOR	MILLIKEN	AP	IT	- D - -	69.95
MIND PUZZLES	MECC	AP	PS	- - D -	49.00
MINDSTRETCHER SERIES	ISL SOFTWR	AP,CO,PE	PS	- - - -	100.00*
MINUS MISSION	DLM	AC,AP,AT,CO,IB	MA	- - - -	44.00
MIRRORS ON THE MIND-INTRO TO PROGR	ADD WES	AP	CS,PS	- - D -	49.95
MIRRORS ON THE MIND-STATISTICS	ADD WES	AP	PS	- - D -	49.95
MIRRORS ON THE MIND-STRATEGIES	ADD WES	AP	PS	- - E -	49.95
MISSION: ALGEBRA	DESIGNWARE	AP,AT,CO,IB,JR	MA	- - D -	44.95

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MODE DRILLS	*TEMPORAL*	AP	MU	- - - -	70.00
MODELER: MOLECULAR DESIGN EDITOR	*COMPRESS*	AP	SC	- - - -	75.00
MOISTURE IN THE ATMOSPHERE	*IBM*	IB	SC	- - - -	44.00
MOLEC: MOLECULAR MODELING	*COMPRESS*	AP	SC	- - - -	149.95
MONEY	*GAMCO*	AP,CO,TR	MA	- - - -	54.95
MONEY! MONEY!	*HARTLEY*	AP	MA	- - - -	39.95
MONSTER MATH	*IBM*	IB	MA	- - - -	28.00
MOPTOWN HOTEL	*TLC*	AP,CO,IB	PS	- - D -	54.95
MOPTOWN PARADE	*TLC*	AP,CO,IB	PR,PS	- - D -	54.95
MOUSE PAINT	*APPLE*	AP	IT	- - - -	99.00
MOVIE MAKER	*ELECTR ART*	AP,AT,CO	AT	- - - -	39.95
MR. PIXEL'S CARTOON KIT	*MINDSCAPE*	AP,CO,IB,JR	AT	- D - -	9.95
MR. PIXEL'S PROGRAMMING PAINT SET	*MINDSCAPE*	AP,CO,IB,JR	AT	- - - -	9.95
MULTIPLICATION PUZZLES	*MECC*	AP	MA	- - - -	49.00
MULTISCRIBE	*STYLEWARE*	AP	IT	- - - -	69.95
MUPPET WORD BOOK, THE	*SUNBURST*	AP	LA,PR	- - - -	59.00
MUPPETS ON STAGE	*SUNBURST*	AP,CO,JR	PR	- - - -	59.00
MUPPETVILLE 4	*SUNBURST*	AP	LA	- - - -	59.00
MUSIC CARD MC1	*ALF PRODUCTS*	AP	MU	- - - -	75.00
MUSIC CONSTRUCTION SET	*ELECTR ART*	AP,AT,CO,IB	IT,MU	- - - -	14.95
MUSIC FUNDAMENTALS: BEG MUSIC I	*SILVER*	AP	MU	- - - -	39.95
MUSIC FUNDAMENTALS: BEG MUSIC III	*SILVER*	AP	MU	- - - -	39.95
MUSIC THEORY	*MECC*	AP	MU	- - - -	49.00
MUSIC: PITCH	*MECC*	CO	MU	- - - -	29.00
MUSIC: RHYTHM	*MECC*	CO	MU	- - - -	29.00
MUSIC: SCALES AND CHORDS	*MECC*	CO	MU	- - - -	29.00
MUSIC: TERMS AND NOTATIONS	*MECC*	CO	MU	- - - -	29.00
MUSICWORKS	*SPINNAKER*	MC	MU	- - - -	49.95
MYSTERY SENTENCES	*SCHOLASTIC*	AP	LA	- D - -	59.95
NEWSROOM	*SCHOLASTIC*	AP,CO,IB,JR	AT,IT	- - - -	59.95
NEWSROOM	*SPRINGBOARD*	AP,CO,IB	IT	- - - -	59.95
NEWSWORKS	*NEWSWEEK*	AP	SS	- - - -	0.00
NOTABLE PHANTOM	*DESIGNWARE*	AP,CO,IB,JR	MU	- - - -	19.95
NUMBER FARM	*DLM*	AP,CO,IB,JR	MA,PR	- - - -	29.95
NUMBER MUNCHERS	*MECC*	AP	MA	- - - -	49.00
NUMBER STUMPER	*TLC*	AP,IB,JR	MA	- - - -	39.95
OBSERVATORY	*CBS*	AP	SC	- - - D	195.00
ODD ONE OUT	*SUNBURST*	AP,CO	PS	- - - -	59.00
OH, DEER!	*MECC*	AP	SC	D - - D	39.00
OLLIE FINDS IT!	*C.C. PUB*	AP	LA	- - - -	49.95
OLLIE LETTERS IT!	*C.C. PUB*	AP	LA	- - - -	49.95
ONE WORLD: COUNTRIES DATABASE	*ACTIVE LEARN*	AP,CO,IB	SS	- - - -	148.00
OREGON TRAIL, THE	*MECC*	AP	SS	D - - -	49.00
OSMOTIC PRESSURE	*CONDUIT*	AP	SC	- - - D	50.00
OTHER SIDE, THE	*TOM SNYDER*	AP,IB	FL,SS	E - - -	49.95

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PAGEMAKER	ALDUS	MC	IT	- - - -	495.00
PAINT WITH WORDS	MECC	AP	LA,PR	- - - -	49.00
PAPERCLIP	BATTERIES	AP,AT,CO	IT	- - - -	59.95
PARIS EN METRO	DC HEATH	AP	FL	- - - -	99.00
PASSPORT: COURSEWARE CREATOR	GESSLER	AP	FL	- - - -	195.00
PATHOLOGY: DISEASES AND DEFENSES	IBM	IB	HL,SC	- - - -	52.00
PATTERNMAKER	MINDSCAPE	AP	AT	- - - -	9.95
PC ILLUSTRATOR	PTI-KOALA	IB	AT	- - - -	75.00
PC STORYBOARD	IBM	IB	IT	- - - -	275.00
PC-TALK	FREEWARE	IB	IT	- - - -	35.00
PERIODIC TABLE: COMPUTER ASSISTED	COMPRESS	AP	SC	- - - -	50.00
PERPLEXING PUZZLES	HARTLEY	AP	LA	- D - -	39.95
PFS: FILE	SCHOLASTIC	AP,IB	IT	- - - -	99.95
PFS: GRAPH	SCHOLASTIC	AP,IB	IT	D - - -	119.95
PFS: REPORT	SCHOLASTIC	AP,IB	IT	- - - -	99.95
PFS: WRITE	SCHOLASTIC	AP,IB	IT	- D - -	99.95
PFS: WRITE ACTIVITY FILES	SCHOLASTIC	AP	LA	- - - -	69.95
PIC-BUILDER	WEEK READ	AP,AT,CO	AT	- - - -	39.95
PICTURE PARTS	SCOTT FORS	AP,AT	MA,PR	- - - -	29.95
PIECE OF CAKE MATH	SPRINGBOARD	AP,CO,IB	MA,PR	- - - -	29.95
PINBALL CONSTRUCTION SET	ELECTR ART	AP,AT,CO,IB,MC	PS	- - - -	14.95
PLANETARY CONSTRUCTION SET	SUNBURST	AP,IB	PS,SC	- - - D	59.00
PLAYWRITER'S THEATER	JOSTENS	AP	LA	- E - -	119.00
POETRY EXPRESS	LEARN WELL	AP,CO	LA	- D - -	49.95
POLLS AND POLITICS	MECC	AP,IB	SS	- - - -	39.00
POLYWRITER	PASSPORT	AP	MU	- - - -	299.95
POND, THE	SUNBURST	AP,CO,IB,JR,TC	MA,PS	- - D -	59.00
PRACTICAL MUSIC THEORY	ALFRED PUB	AP,CO	MU	- - - -	199.95
PRINCE	BAUDVILLE	AP	AT	- - - -	49.95
PRINT SHOP	BRODERBUND	AP,AT,CO,IB	IT	- - - -	49.95
PRINT SHOP COMPANION	BRODERBUND	AP	AT,IT	- - - -	39.95
PRINT SHOP GRAPHICS LIBRARY 3	BRODERBUND	AP	IT	- - - -	24.95
PROBLEM-SOLVING COMP CRSWR LV. K-8	MCGRAW HILL	AP	MA	- - - -	719.55*
PROBLEM-SOLVING IN ALGEBRA	BRITANNICA	AP,TR	MA	- - - -	299.00
PROBLEM-SOLVING STRATEGIES	MECC	AP	MA,PS	- - E -	49.00
PROFESSION: DETECTIVE	GESSLER	AP,CO	FL	- - - -	39.95
PROFESSIONAL SIGN MAKER	SUNBURST	AP,IB	IT	- - - -	59.00
PROJECTILES II	VERNIER	AP	SC	- - - -	24.95
PROMPT	GESSLER	IB,JR	FL	- - - -	150.00
PROTEUS, THE IDEA PROCESSOR	RESRCH DSGN	AP,CO	LA	- - - -	79.95
PUZZLE TANKS	SUNBURST	AP,CO,IB,JR,TR	MA,PS	- - E -	59.00
PUZZLER	SUNBURST	AP,CO,IB,JR,TC	LA	- D - -	59.00
PUZZLES AND POSTERS	MECC	AP,CO,IB,TR	IT	- D - -	39.00
QUATIONS	SCHOLASTIC	AP	MA	- - D -	39.95
QUILL	DC HEATH	AP	IT	- - - -	150.00

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QUOTIENT QUEST	MECC	AP	MA	- - - -	49.00
RAINBOW PAINTER	SPRINGBOARD	AP,CO	AT	- - - -	34.95
RATIO AND PROPORTION	ED'L ACTV	AP	MA	- - - -	59.95
RATIO AND PROPORTION	JMH	AP,CO	MA	- - - -	49.95
RAY TRACER	VERNIER	AP	SC	- - - D	24.95
READ AND SOLVE MATH PROBLEMS #1	ED'L ACTV	AP,AT,CO,IB,TR	MA	- - - -	99.95
READ AND SOLVE MATH PROBLEMS #2	ED'L ACTV	AP,CO,IB,JR,TR	MA	- - - -	99.95
READER RABBIT	TLC	AP,CO,IB	LA	- D - -	54.95
READING AROUND WORDS LV. D-L	INST/COMM	AP	LA	- D - -	1350.00*
READING FOR MEANING LV. 1	HARTLEY	AP	LA	- D - -	39.95
READING FOR MEANING LV. 2	HARTLEY	AP	LA	- - - -	39.95
READING WORKSHOP, THE	MINDSCAPE	AP,IB	LA	- - - -	850.00*
RED RYDER V.9	FREESOFT	MC	IT	- - - -	40.00
REFLEX: THE ANALYST	BORLAND	IB	IT	- - - -	149.95
REGULATION AND HOMEOSTASIS	IBM	IB	SC	- - - -	52.00
REPORTING ASSISTANT	IBM	IB	IT	- - - -	61.00
REVOLUTION AND CONSTITUTION	MINDSCAPE	AP	SS	- - - -	39.95
RIDDLE ME THIS	DATA COMM	AP,TR	LA	- - - -	85.25
RIGHT OF WAY	MECC	AP	PR	- - - -	39.00
RIGHT TURN, THE	SUNBURST	AP,CO,IB,JR	MA,PS	- - E -	59.00
RIVERS AND ANCIENT CULTURES	TYC	AP	SS	- - - -	39.95
ROBOT ODYSSEY	TLC	AP,IB	CS,PS,SC	- - E D	49.95
ROBOT PROBE	SUNBURST	TR	PS	- - D -	59.00
ROCKY'S BOOTS	TLC	AP,CO,IB	CS,PS,SC	- - E D	64.95
ROYAL RULES	SUNBURST	AP,IB	MA,PS	- - - -	69.00
SAFARI SEARCH	SUNBURST	AP,IB	PS	- - E -	59.00
SALINA MATH GAMES	ED'L ACTV	AP,TR	MA	- - - -	159.00*
SANTA FE TRAIL	ED'L ACTV	AP	SS	- - - -	59.95
SCENARIO (KIDWRITER)	GESSLER	AP,CO	FL	- - - -	37.95
SCIENCE TOOL KIT 1: SPEED/MOTION	BRODERBUND	AP	SC	- - - -	39.95
SCIENCE TOOL KIT 2: EARTHQUAKE LAB	BRODERBUND	AP	SC	- - - -	39.95
SCIENCE TOOL KIT MASTER MODULE	BRODERBUND	AP	SC	- - - D	89.95
SEA VOYAGERS	CBS	AP,CO,IB	SS	D D - -	49.95
SEBASTIAN II	TEMPORAL	AP	MU	- - - -	125.00
SECRET FILER	SCHOLASTIC	AP,CO	IT	- - - -	29.95
SEMCALC	SUNBURST	AP,TR	MA,PS	- - E -	95.00
SENSIBLE GRAMMAR	SENSIBLE	AP	IT	- - - -	99.95
SENSIBLE SPELLER	SENSIBLE	AP	IT	- - - -	125.00
SENTENCE COMBINING 1 AND 2	MILLIKEN	AP	LA	- D - -	195.00*
SHOW TIME	MECC	AP	LA	- - - -	49.00
SIDEWAYS	FUNK	AP,IB	IT	- - - -	69.95
SIMPLE MACHINES	MICRO P&L	AP	SC	- - - D	39.95
SKY LAB	MECC	AP	SC	- - - E	49.00
SKY TRAVEL	COMMODORE	CO	SC	- - - D	29.95
SOLVING QUADRATIC EQUATIONS	CBS	AP,CO,IB,JR	MA	- - - -	29.95

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SONGWRITER	MINDSCAPE	AP,AT,CO,IB	MU	- - - -	9.95
SORTING TECHNIQUES I-II	MIC WRKSHP	AP	CS	- - - -	69.90*
SOUTH DAKOTA	ED'L ACTV	AP	MA,SS	D - - -	63.00
SPACE SUBTRACTION	MECC	AP	MA	- - - -	49.00
SPANISH ACHIEVEMENT I-III	MIC WRKSHP	AP	FL	- - - -	149.85*
SPANISH FRED WRITER	HANDS-ON	AP	FL	- - - -	40.00
SPANISH IDIOM MASTER	LINGO FUN	AP	FL	- - - -	49.95
SPECTRUM: PATTERNS AND PROGRAMS	SUNBURST	AP	CS,PS	- - D -	59.00
SPEED READER II	DAVIDSON	AP,CO,IB,MC	LA	- D - -	69.95
SPEED READER II DATA DISKS	DAVIDSON	AP,CO,IB,MC	LA	- D - -	79.80
SPEEDWAY MATH	MECC	AP	MA	- - - -	49.00
SPELL IT!	DAVIDSON	AP,AT,CO,IB	LA	- D - -	49.95
SPINNERS AND SLUGS	SCOTT FORS	AP	MA	- - D -	49.95
STAR MAZE	SCOTT FORS	AP,AT	MA	- - D -	29.95
STATES AND CAPITALS	GAMCO	AP,CO,TR	SS	- - - -	54.95
STATES AND TRAITS	DESIGNWARE	AP,CO,IB,JR	SS	- - - -	44.95
STICKERS	SPRINGBOARD	AP,CO,IB	PR	- - - -	34.95
STICKYBEAR ABC	WEEK READ	AP,AT,CO	LA,PR	- - - -	39.95
STICKYBEAR MATH 1	WEEK READ	AP,CO,IB	MA	- - - -	39.95
STICKYBEAR MATH 2	WEEK READ	AP	MA	- - - -	39.95
STICKYBEAR NUMBERS	WEEK READ	AP,AT,CO,IB	MA,PR	- - - -	39.95
STICKYBEAR OPPOSITES	WEEK READ	AP,AT,CO	PR,PS	- D - -	39.95
STICKYBEAR PRINTER	WEEK READ	AP	PR	- - - -	39.95
STICKYBEAR READING	WEEK READ	AP,CO,IB	LA,PR	- D - -	39.95
STICKYBEAR SHAPES	WEEK READ	AP,AT,CO	MA,PR,PS	- - - -	39.95
STICKYBEAR SPELLGRABBER	WEEK READ	AP,CO	LA	- - - -	39.95
STICKYBEAR TOWN BUILDER	WEEK READ	AP,CO	PR,PS,SS	D - - -	39.95
STICKYBEAR TYPING	WEEK READ	AP,CO	KB	- D - -	39.95
STORY MAKER	SCHOLASTIC	AP	LA	- E - -	95.00
STORY TREE	SCHOLASTIC	AP,CO,IB	LA,PS	- D - -	59.95
STUFF AND FETCH	MECC	AP	IT	- - - -	49.00
SUBTRACTING DECIMALS	MIC WRKSHP	AP,AT,CO,IB,TR	MA	- - - -	29.95
SUCCESS W/ALGEBRA: LINEAR EQUATIONS	CBS	AP,CO,IB,JR	MA	- - - -	29.95
SUCCESS W/ALGEBRA: QUADRATIC EQUAT	CBS	AP,CO,IB,JR	MA	- - - -	29.95
SUCCESS WITH MATH: MULT FRACTIONS	CBS	AP,CO,IB,JR	MA	- - - -	29.95
SUCCESS WITH TYPING	SCHOLASTIC	AP,IB	KB	- - - -	69.95
SUPER FACTORY, THE	SUNBURST	AP,IB,JR	MA,PS	- - E -	59.00
SUPERCALC 3A	COMP ASSOC	AP	IT	- - - -	195.00
SUPERKEY	BYTES OF LRN	AP	BE,KB	- - - -	59.95
SURFACE WATER	IBM	IB	SC	- - - -	44.00
SURROUNDING PATTERNS	STRAWBERRY H	AP,CO	MA	- - - -	55.00
SURVEY TAKER	SCHOLASTIC	AP	IT,SS	D - - -	29.95
SURVIVAL MATH	SUNBURST	AP,CO,TR	MA	- - - -	59.00
SWEET SHOP	DC HEATH	AP,CO	MA	- - - -	45.00
TAKE 1	BAUDVILLE	AP	AT,IT	- - - -	59.95

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TALKING TEXT WRITER	SCHOLASTIC	AP	IT	-	-	-	-	199.95
TEASERS BY TOBBS	SUNBURST	AP,CO,IB,TC,TR	MA,PS	-	-	D	-	59.00
TEDDY'S PLAYGROUND	SUNBURST	AP	MA	-	-	D	-	59.00
TEMPERATURE EXPERIMENTS	HARTLEY	AP,CO	SC	-	-	-	-	69.95
TEMPERATURE INTERFACE	EME	AP	SC	-	-	-	D	98.00
TEMPERATURE LAB	CREATIVE TEC	AP,CO	SC	-	-	-	D	90.00
TEN CLUES	SUNBURST	AP	PS	E	-	-	-	59.00
TERRAPIN LOGO	TERRAPIN	AP	CS	-	-	-	-	99.95
TEST TAKER'S EDGE	SUNBURST	AP,IB	SS,TE	-	-	-	-	69.00
THINK TANK	LIV TEXT	AP,IB,MC	IT	-	-	-	-	195.00
TIC TAC SHOW	ADV ID	AP,CO,IB,JR	IT,PS	-	D	-	-	39.95
TIME AND SEASONS	RAND MCNLY	AP,AT	SC	-	-	-	D	111.00
TIP 'N FLIP	SUNBURST	AP,IB	PS	-	-	E	-	59.00
TK! SOLVER	UNIVERSAL	AP,IB,JR,MC	IT,PS	-	-	-	-	200.00
TOBBS LEARNS ALGEBRA	SUNBURST	AP,TR	MA	-	-	D	-	59.00
TONEY LISTENS TO MUSIC	TEMPORAL	AP	MU,PR	-	-	-	-	90.00
TONK IN THE LAND OF BUDDY-BOTS	MINDSCAPE	AP,AT,CO,IB,JR	PR,PS,SS	-	-	-	-	29.95
TRADING POST	SUNBURST	AP,CO,IB,JR,TC	PS,SS	-	-	D	-	59.00
TRAP-A-ZOID	DESIGNWARE	AP,AT,CO,IB,JR	MA	-	-	D	-	39.95
TREASURE HUNTER	GROLIER	AP	LA,PS,SS	D	D	-	-	54.95
TRIBBLES	CONDUIT	AP	PS,SC	-	-	-	-	40.00
TRIGONOMETRY OF THE RIGHT TRIANGLE	MIC WRKSHP	AP	MA	-	-	-	-	39.95
TRIVIA MACHINE	MECC	AP	IT,PS,SS	-	-	-	-	49.00
TURBO PASCAL	BORLAND	IB	CS	-	-	-	-	99.95
TURTLE TRACKS	SCHOLASTIC	AP,AT,CO,IB,VC	CS	-	-	-	-	39.95
TYPE TO LEARN	SUNBURST	AP	KB	-	-	-	-	69.00
TYPING	GAMCO	AP,CO,TR	BE	-	-	-	-	54.95
TYPING TUTOR III	SIMON & SCHU	AP,CO,IB,MC	BE,KB	-	-	-	-	49.95
TYPING WELL	LEARN WELL	AP	BE,KB	-	-	-	-	49.95
UN DIA EN MADRID	DC HEATH	AP	FL	-	-	-	-	120.00
UN DIA TIPICO	DC HEATH	AP	FL	-	-	-	-	120.00
UN REPAS FRANCAIS	DC HEATH	AP	FL	-	-	-	-	99.00
UN VIAJE EN TREN	DC HEATH	AP	FL	-	-	-	-	120.00
UNA FIESTA	DC HEATH	AP	FL	-	-	-	-	120.00
UNA VISITA A MEXICO	DC HEATH	AP	FL	-	-	-	-	120.00
UNDERSTANDING WORD PROBLEMS	SVE	AP	MA	-	-	-	-	239.00
UNLOCKING THE MAP CODE	RAND MCNLY	AP,AT	SS	D	-	-	-	111.00
USA PROFILE	ACTIVE LEARN	AP,CO,IB	SS	-	-	-	-	148.00
USING A CALENDAR	HARTLEY	AP	MA	-	-	-	-	39.95
VECTORS AND LINEAR MOTION	FOCUS	AP	SC	-	-	-	D	99.00
VIDEOWORKS	SPINNAKER	MC	AT,PS	-	-	-	-	99.95
VOLCANOES	EARTHWARE	AP	SC	-	-	-	D	49.50
VOYAGE MIMI: ECOSYSTEMS	HOLT R&W	AP	SC	-	-	-	E	75.00
VOYAGE MIMI: INTRO TO COMPUTING	HOLT R&W	AP	CS	-	-	E	D	75.00
VOYAGE MIMI: MAPS AND NAVIGATION	HOLT R&W	AP	MA,SS	-	-	E	-	75.00

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VOYAGE MIMI: MAPS AND NAVIGATION	*HOLT R&W*	AP	MA,SS	- - E -	75.00
VOYAGE MIMI: WHALES AND ENVIRONMENT	*HOLT R&W*	AP	MA,SC	- - - D	370.50
WATER POLLUTION	*EME*	AP,IB,TR	SC	- - - D	35.00
WHAT'S MY LOGIC	*MIDWEST*	AP,CO	PS	- - D -	49.95
WHATSIT CORPORATION	*SUNBURST*	AP,CO,IB,TR	BE,MA,PS,SS	- - D -	59.00
WHERE IN USA IS CARMEN SAN DIEGO	*BRODERBUND*	AP	PS,SS	- - - -	44.95
WHERE IN WORLD IS CARMEN SAN DIEGO	*BRODERBUND*	AP,CO,IB	PS,SS	D - - -	39.95
WHO, WHAT, WHERE, WHEN, WHY	*HARTLEY*	AP,IB	LA,PR	- D - -	35.95
WILDERNESS: SURVIVAL ADVENTURE	*ELECTR TRANS*	AP,IB	LA,PS	- - - -	50.00
WINNIE THE POOH IN 100 ACRE WOOD	*WALT DISNY*	AP,CO	LA,SS	- E - -	49.95
WIZARD OF WORDS	*ADV ID*	AP,CO,IB,JR	LA	- D - -	39.95
WIZARDRY: PROVNG GRNDS/MTH OVERLOAD	*SIRI-TECH*	AP,IB,JR	PS	- - - -	49.95
WORD ATTACK	*DAVIDSON*	AP,AT,CO,IB	LA	- D - -	49.95
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PUBLISHER ABBREVIATIONS

ACTIVE LEARN	Active Learning Systems
ADD WES	Addison-Wesley Publishing Co.
ADV ID	Advanced Ideas, Inc.
ALDUS	Aldus
ALF PRODUCTS	ALF Products, Inc.
ALFRED PUB	Alfred Publishing Co., Inc.
ANN ARBOR SW	Ann Arbor Softworks
APPLE	Apple Computer, Inc.
ASHTON TATE	Ashton-Tate
AVANT GARD	Avant-Garde
BANTAM	Bantam Electronic Publishing
BATTERIES	Batteries Included
BAUDVILLE	Baudville
BEAGLE BRO	Beagle Brothers
BERGWALL	Bergwall Electronic Publishers
BORLAND	Borland International
BRAINPOWER	BrainPower, Inc.
BRITANNICA	Encyclopaedia Britannica
BRODERBUND	Broderbund Software
BYTES OF LRN	Bytes of Learning, Inc.
C & C SOFT	C & C Software
C.C. PUB	C.C. Publications
CAE	CAE Software, Inc.
CBS	CBS Interactive Learning
COMMODORE	Commodore Computer Systems Div.
COMP ASSOC	Computer Associates International
COMPRESS	COMPress
CONDUIT	CONDUIT
CORONADO	Coronado Publishers, Inc.
CREATIVE TEC	Creative Technologies
CYBERTRONICS	Cybertronics International, Inc.
DATA COMM	Data Command
DATA TRANSFM	Data Transforms
DAVIDSON	Davidson & Associates
DC HEATH	D.C. Heath & Co.
DESIGNWARE	DesignWare, Inc.
DIDATECH	Didatech Software
DLM	Developmental Learning Materials
EARTHWARE	Earthware Software Services
ED'L ACTV	Educational Activities, Inc.
EDUSOFT	EduSoft
EDUTECH	EduTech, Inc.
ELECTR ART	Electronic Arts
ELECTR TRANS	Electric Transit
EMC	EMC Publishing
EME	Educational Materials & Equipment
FOCUS	Focus Media, Inc.
FREESOFT	Freesoft Co.
FREEWARE	Freeware
FUNK	Funk Software
GAMCO	Gamco Industries
GESSLER	Gessler Educational Software
GROLIER	Grolier Electronic Publishing
HANDS-ON	Hands-on-Training Co.
HARTLEY	Hartley Courseware, Inc.
HIGH TECH	High Technology Software Products
HOLT R&W	Holt, Rinehart and Winston
HOUGHTON	Houghton Mifflin Company
HRM SOFTWR	HRM Software
IBM	IBM
INFOCOM	Infocom, Inc.
INNOVATIVE	Innovative Data Design
INNOVISION	Innovision
INST/COMM	Instructional/Communications Tech.

INTELLECTUAL	Intellectual Software
INTERLEARN	Interlearn
ISL SOFTWR	Island Software
JEFFERSON	Jefferson Software
JMH	JMH Software of Minnesota, Inc.
JOSTENS	Jostens Publications
KRELL	Krell Software Corp.
LANGENSCHEID	Langenschiedt Pubs., Inc.
LAWR HALL	Lawrence Hall of Science
LCSI	Logo Computer Systems, Inc.
LEARN WELL	Learning Well
LINGO FUN	Lingo Fun, Inc.
LIV TEXT	Living Video Text, Inc.
LOTUS	Lotus Development Corp.
LRNG TECH	Learning Technologies, Inc.
MARSHWARE	Marshware
MCGRAW HILL	McGraw-Hill Book Co./School Div.
MECC	MECC
MED MAT	Media Materials, Inc.
MIC WRKSHP	Microcomputer Workshops/CBS
MICRO P&L	Micro Power & Light
MICRO-ED	MICRO-ED, Inc.
MICROPRO	MicroPro International Corp.
MICROSOFT	Microsoft Corp.
MIDWEST	Midwest Software
MILLIKEN	Milliken Publishing Co.
MINDPLAY	Mindplay, Inc.
MINDSCAPE	Mindscape, Inc.
NEWSWEEK	Newsweek Magazine
NYSTROM	Nystrom
PASSPORT	Passport Designs, Inc.
PRO DESIGN	Program Design, Inc.
PTI-KOALA	PTI-Koala
QED	Quality Educational Designs
QUANTUM	Quantum Technology
RAND MCNLY	Rand McNally & Co.
RANDOM	Random House School Division
RESRCH DSGN	Research Design Associates
SCHOLASTIC	Scholastic, Inc.
SCOTT FORS	Scott, Foresman & Co.
SCWRIP	South Coast Writing Project
SENSIBLE	Sensible Software
SIERRA	Sierra On-Line, Inc.
SILVER	Silver Burdett & Ginn
SIMON & SCHU	Simon & Schuster Software
SIRI-TECH	Sir-Tech
SPINNAKER	Spinnaker Software
SPRINGBOARD	Springboard Software, Inc.
STRAT SIMS	Strategic Simulations, Inc.
STRAWBERRY H	Strawberry Hill Knowledge Software
STYLEWARE	Styleware
SUNBURST	Sunburst Communications, Inc.
SVE	Society for Visual Education, Inc.
SW PUB	South-Western Publishing Co.
TELOS	Telos Software Products
TEMPORAL	Temporal Acuity Products, Inc.
TERRAPIN	Terrapin, Inc.
TLC	Learning Company, The
TOM SNYDER	Tom Snyder Productions
TYC	Teach Yourself by Computer
UNITED	United Software Industries
UNIVERSAL	Universal Tech. Systems
VERNIER	Vernier Software
WADSWORTH	Wadsworth Electronic Pub. Co.
WALT DISNY	Walt Disney Software
WEEK READ	Weekly Reader Family Software
WORD PERFECT	Word Perfect Corp.

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